

Converting Colors

YUV(242.6400, -0.8085,
-20.7323)

Have a look what the booklet for
YUV(242.6400, -0.8085, -20.7323)
contains.

YUV(242.6400, -0.8085, -20.7323)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(242.6400, -0.8085,
-20.7323)**

Conversions

Conversions Part 1

Format	Color
Hex	DBFFF1
RGB	219, 255, 241
RGB Percent	86%, 100%, 95%
CMY	0.1412, 0.0000, 0.0549
CMYK	0.14, 0.00, 0.05, 0.00
HSL	157°, 100%, 93%
HSV	157°, 14%, 100%
XYZ	80.8506, 92.9309, 96.8953
YIQ	242.6400, -16.9620, -11.9860

Conversions

Conversions Part 2

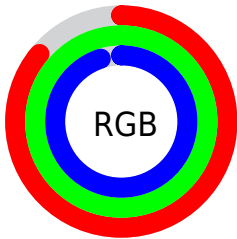
Format	Color
R_{YB}	219, 241, 255
Decimal	14417905
CIE _{Lab}	97.20, -14.18, 2.80
CIE _{LCh}	97, 14.450, 168.833
Yxy	92.9309, 0.2987, 0.3433
Android (android.graphics.Color)	4292607985 (0xFFDBFFF1)
YUV	242.6400, -0.8085, -20.7323
Hunter-Lab	96.4007, -18.9945, 7.8863

Details

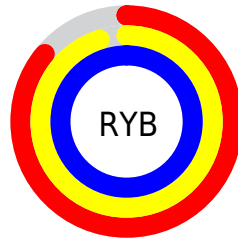
The YUV color $242.6400, -0.8085, -20.7323$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $231.3600, 0.8085, 20.7323$, and the grayscale version is $243.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.3520, -0.6665, -19.6027$ is the 20% darker color. If you saturate the color by 10%, you get $234.0250, -1.4913, -35.1019$, and if you desaturate by 10%, it is $251.2550, -0.1257, -6.3626$.

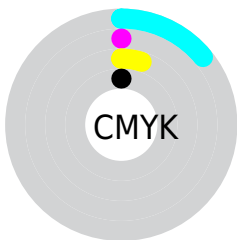
Distribution



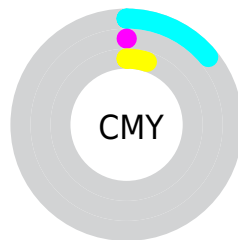
- Red (86%)
- Green (100%)
- Blue (95%)



- Red (86%)
- Yellow (95%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.6400, -0.8085, -20.7323 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 242.6400, -0.8085, -20.7323 by changing the saturation by 10% instead.

 242.6400, -0.8085,
-20.7323


 242.6400, -0.8085,
-20.7323

255.0000, 0.0000,
0.0000


 214.0530, -0.5191,
-20.2175

 186.3520, -0.6665,
-19.6027

 159.3520, -0.6665,
-19.6027

 132.7650, -0.3771,
-19.0879

 108.0640, -0.5246,
-18.4731

 83.4770, -0.2352,
-17.9583

 59.8900, 0.0542,

-17.4435

■ 37.5910, 0.2016,
-18.0583

■ 17.7870, -0.3880,
-15.5992

■ 242.6400, -0.8085,
-20.7323

■ 242.6400, -0.8085,
-20.7323

■ 234.0250, -1.4913,
-35.1019

■ 251.2550, -0.1257,
-6.3626

■ 225.1110, -2.0267,
-50.0863

255.0000, 0.0000,
0.0000

■ 216.4960, -2.7095,
-64.4560

■ 207.5820, -3.2449,
-79.4404

■ 198.6680, -3.7803,
-94.4248

■ 190.1670, -4.0263,
-108.8945

■ 181.2530, -4.5617,
-123.8789

■ 172.6380, -5.2445,
-138.2485

■ 167.4690, -5.6542,
-146.8703

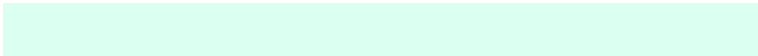
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.1700, -7.9718, -9.7961



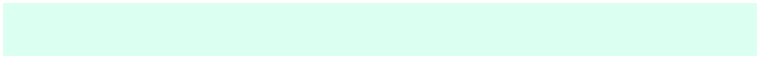
242.6400, -0.8085, -20.7323



242.1430, 6.3385, -26.4354

Triad

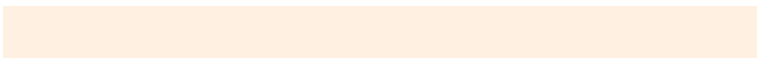
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



242.6400, -0.8085, -20.7323



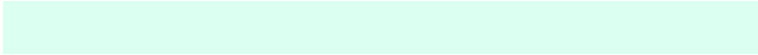
245.5420, 4.6628, -2.2293



242.8890, -8.3263, 10.6213

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



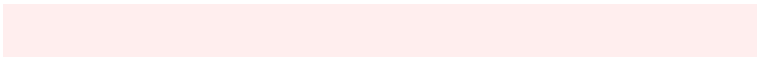
242.6400, -0.8085, -20.7323



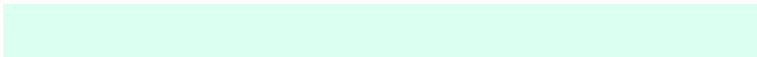
231.3600, 0.8085, 20.7323

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.0830, -2.5059, 10.4512



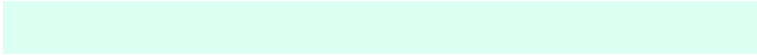
242.6400, -0.8085, -20.7323



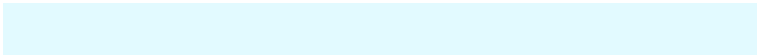
246.7820, 4.0515, 7.2072

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.6400, -0.8085, -20.7323



243.3940, 5.7218, -15.2545



244.7930, 4.0461, 8.9515



244.5530, -12.1046, 9.1620

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242.6400, -0.8085, -20.7323



241.8550, 6.4805, -25.3058



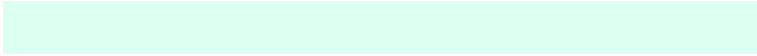
244.7930, 4.0461, 8.9515



242.7580, -6.2897, 10.7362

Sweetspot

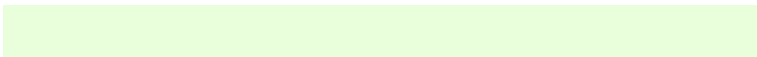
The Sweet Spot groups the original color and five complimentary colors.



242.6400, -0.8085, -20.7323



251.5540, -0.2731, -5.7479



244.3180, -12.4818, -9.9259



125.5650, -0.2785, -4.0035



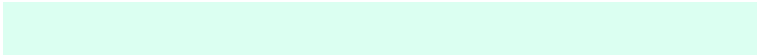
0.0000, 0.0000, 0.0000



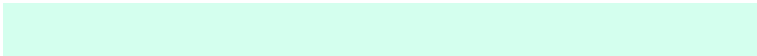
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.6400, -0.8085, -20.7323



240.2050, -1.0871, -24.7358



241.8880, 6.4642, -20.0728



123.5430, -0.2677, -7.4922



125.4550, -4.1683, -110.0240



42.0140, -1.4859, -36.8463

Inverse Universe

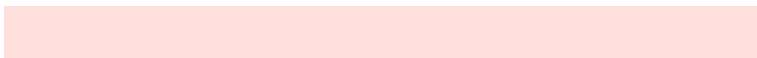
The Inverse Universe completely reimagines the original color for something new.



231.3600, 0.8085, 20.7323



226.7950, 1.0871, 24.7358



232.1120, -6.4642, 20.0728



119.4570, 0.2677, 7.4922



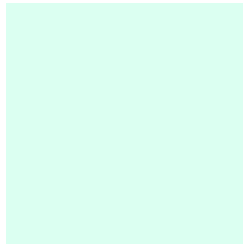
65.5450, 4.1683, 110.0240



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 242.6400, -0.8085, -20.7323 looks on a white background.

Color Contrast Check

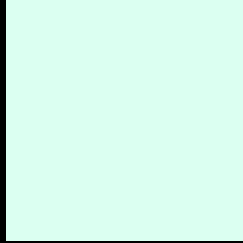
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 242.6400, -0.8085, -20.7323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

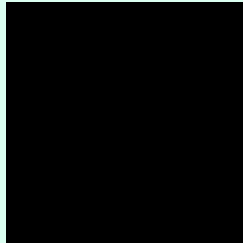
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

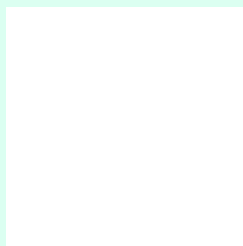
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 242.6400, -0.8085, -20.7323

Background



This preview shows how black text looks on a background with the YUV color 242.6400, -0.8085, -20.7323.



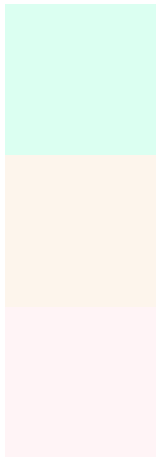
This preview shows how white text looks on a background with the YUV color 242.6400, -0.8085, -20.7323.

-20.7323.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

242.6400, -0.8085, -20.7323

Protanopia

246.3660, -5.1104, 5.8180

Deuteranopia

247.5170, -0.7479, 6.5626

Tritanopia

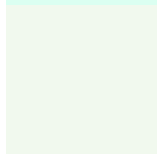
246.1070, 4.3842, -6.2328

Trichromacy



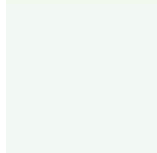
Original Color

242.6400, -0.8085, -20.7323



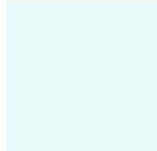
Protanomaly

245.3540, -3.6255, -3.8185



Deuteranomaly

245.7500, -0.8628, -3.2887



Tritanomaly

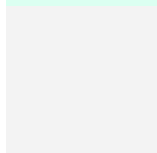
245.2050, 2.3639, -11.5808

Monochromacy



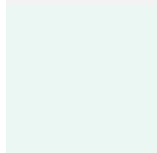
Original Color

242.6400, -0.8085, -20.7323



Achromatopsia

243.0000, 0.0000, 0.0000



Achromatomaly

242.5430, -0.2677, -7.4922

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.6400, -0.8085, -20.7323 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(219, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 241)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(219, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 241) }
```

Border

The CSS property to change the border of an element to YUV 242.6400, -0.8085, -20.7323 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 255, 241) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(219, 255, 241) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(219, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 255, 241); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 255, 241); box-shadow:4px 4px 4px 4px rgb(219, 255, 241) }
```

Background

The CSS property to change the background color of an element to YUV 242.6400, -0.8085, -20.7323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 241) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(219,  
255, 241) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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