

Converting Colors

YUV(242.4420, 6.1911,
-25.8206)

Have a look what the booklet for
YUV(242.4420, 6.1911, -25.8206)
contains.

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Color

**YUV(242.4420, 6.1911,
-25.8206)**

Conversions

Conversions Part 1

Format	Color
Hex	D5FFFF
RGB	213, 255, 255
RGB Percent	84%, 100%, 100%
CMY	0.1647, 0.0000, 0.0000
CMYK	0.16, 0.00, 0.00, 0.00
HSL	180°, 100%, 92%
HSV	180°, 16%, 100%
XYZ	81.2506, 92.8861, 108.2542
YIQ	242.4420, -25.0320, -8.9040

Conversions

Conversions Part 2

Format	Color
R_{YB}	213, 234, 255
Decimal	14024703
CIE _{Lab}	97.18, -13.32, -4.47
CIE _{LCh}	97, 14.050, 198.569
Yxy	92.8861, 0.2877, 0.3289
Android (android.graphics.Color)	4292214783 (0xFFD5FFFF)
YUV	242.4420, 6.1911, -25.8206
Hunter-Lab	96.3775, -18.1769, 0.8678

Details

The YUV color $242.4420, 6.1911, -25.8206$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $225.5580, -6.1911, 25.8206$, and the grayscale version is $242.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $186.0400, 5.8963, -24.5911$ is the 20% darker color. If you saturate the color by 10%, you get $234.9670, 9.8763, -41.1901$, and if you desaturate by 10%, it is $250.2160, 2.3585, -9.8364$.

Distribution



- Red (84%)
- Green (100%)
- Blue (100%)



- Red (84%)
- Yellow (92%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 242.4420, 6.1911, -25.8206 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 242.4420, 6.1911, -25.8206 by changing the saturation by 10% instead.

242.4420, 6.1911,
-25.8206

242.4420, 6.1911,
-25.8206

255.0000, 0.0000,
0.0000

213.7410, 6.0437,
-25.2059

186.0400, 5.8963,
-24.5911

159.0400, 5.8963,
-24.5911

132.4530, 6.1857,
-24.0763

107.3390, 5.7489,
-23.9763

82.6380, 5.6015,
-23.3615

58.7520, 6.0383,

-23.4615

■ 35.4420, 6.1911,
-25.8206

■ 18.9270, 3.9800,
-16.5990

■ 242.4420, 6.1911,
-25.8206

■ 242.4420, 6.1911,
-25.8206

■ 234.9670, 9.8763,
-41.1901

■ 250.2160, 2.3585,
-9.8364

■ 227.1930, 13.7089,
-57.1743

255.0000, 0.0000,
0.0000

■ 219.7180, 17.3940,
-72.5437

■ 211.9440, 21.2266,
-88.5279

■ 204.4690, 24.9118,
-103.8973

■ 196.6950, 28.7444,
-119.8815

■ 188.9210, 32.5769,
-135.8657

■ 181.4460, 36.2621,
-151.2351

■ 178.7550, 37.5888,
-156.7681

Harmonies

Analogous

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



242.9390, -0.9559, -20.1175



242.4420, 6.1911, -25.8206



241.8660, 6.4751, -23.5615

Triad

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



242.4420, 6.1911, -25.8206



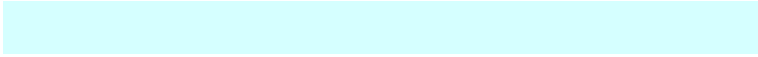
246.7820, 4.0515, 7.2072



244.5530, -12.1046, 9.1620

Complementary

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



242.4420, 6.1911, -25.8206



225.5580, -6.1911, 25.8206

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.



243.0030, -7.8895, 10.5214



242.4420, 6.1911, -25.8206



244.7930, 4.0461, 8.9515

Square

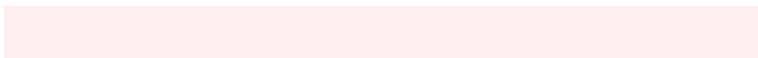
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.4420, 6.1911, -25.8206



245.5420, 4.6628, -2.2293



243.1970, -2.0691, 10.3512



245.8080, -12.2303, 2.7994

Rectangle

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



242.4420, 6.1911, -25.8206



242.7850, 6.0220, -18.2284



243.1970, -2.0691, 10.3512



244.1940, -10.9416, 9.4769

Sweetspot

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



242.4420, 6.1911, -25.8206



251.1130, 1.9163, -7.9921



237.6540, -12.1544, -21.6216



125.6080, 1.1793, -4.9182



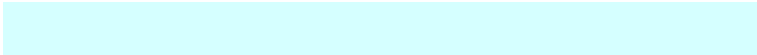
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

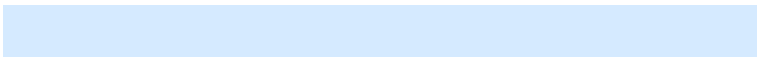
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.4420, 6.1911, -25.8206



239.7510, 7.5178, -31.3536



230.1150, 12.2683, -15.0099



124.1130, 1.9163, -7.9921



133.8910, 28.1547, -117.4224



44.8640, 9.4340, -39.3457

Inverse Universe

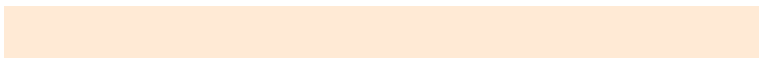
The Inverse Universe completely reimagines the original color for something new.



230.3460, 12.1544, 21.6216



225.0630, 14.7589, 26.2547



237.8850, -12.2683, 15.0099



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 242.4420, 6.1911, -25.8206 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 242.4420, 6.1911, -25.8206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

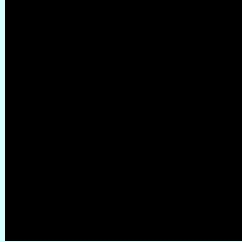
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

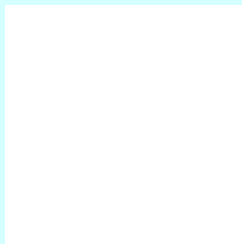
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 242.4420, 6.1911, -25.8206

Background



This preview shows how black text looks on a background with the YUV color 242.4420, 6.1911, -25.8206.



This preview shows how white text looks on a background with the YUV color 242.4420, 6.1911, -25.8206.

-25.8206.

Color Blindness Simulation

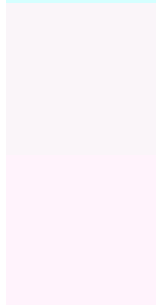
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

242.4420, 6.1911, -25.8206



Protanopia

246.9510, 1.0102, 2.6740

Deuteranopia

247.6140, 2.1623, 6.4775



Tritanopia

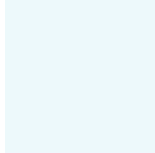
245.5090, 4.6791, -7.4624

Trichromacy



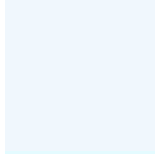
Original Color

242.4420, 6.1911, -25.8206



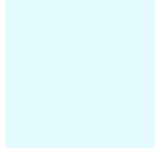
Protanomaly

245.6400, 2.6425, -7.5773



Deuteranomaly

245.5910, 3.6526, -4.9033



Tritanomaly

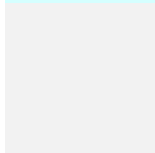
244.5790, 5.1376, -14.5398

Monochromacy



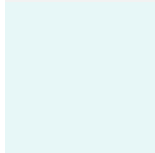
Original Color

242.4420, 6.1911, -25.8206



Achromatopsia

242.0000, 0.0000, 0.0000



Achromatomaly

242.2160, 2.3585, -9.8364

CSS Examples

Text

The CSS property to change the color of the text to YUV 242.4420, 6.1911, -25.8206 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(213, 255, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 255, 255)  
}
```

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(213, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 255) }
```

Border

The CSS property to change the border of an element to YUV 242.4420, 6.1911, -25.8206 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(213, 255, 255) }
```


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

```
.border{ border-color:rgb(213, 255, 255) }
```

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

Here you see how a box with a 4 pixel rgb(213, 255, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 255, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 255, 255);  
box-shadow:4px 4px 4px 4px rgb(213, 255,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 242.4420, 6.1911, -25.8206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 255, 255) }
```

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

```
.background{ background-color: rgb(213,  
255, 255) }
```

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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