

Converting Colors

YUV(228.6320, 8.0694,
-21.6023)

Have a look what the booklet for
YUV(228.6320, 8.0694, -21.6023)
contains.

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Color

**YUV(228.6320, 8.0694,
-21.6023)**

Conversions

Conversions Part 1

Format	Color
Hex	CCEEF5
RGB	204, 238, 245
RGB Percent	80%, 93%, 96%
CMY	0.2000, 0.0667, 0.0392
CMYK	0.17, 0.03, 0.00, 0.04
HSL	190°, 67%, 88%
HSV	190°, 17%, 96%
XYZ	71.9578, 80.5790, 98.1469
YIQ	228.6320, -22.5110, -5.0310

Conversions

Conversions Part 2

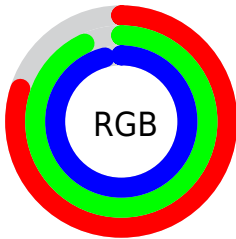
Format	Color
RYB	204, 223, 245
Decimal	13430517
CIELab	91.94, -9.57, -7.09
CIELCh	92, 11.910, 216.518
Yxy	80.5790, 0.2870, 0.3214
Android (android.graphics.Color)	4291620597 (0xFFCCEEF5)
YUV	228.6320, 8.0694, -21.6023
Hunter-Lab	89.7658, -14.0015, -1.9896

Details

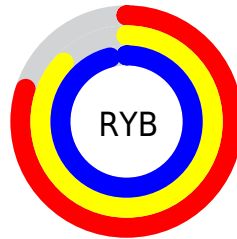
The YUV color $228.6320, 8.0694, -21.6023$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $220.3680, -8.0694, 21.6023$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.9310, 7.9220, -20.9875$ is the 20% darker color. If you saturate the color by 10%, you get $219.1080, 12.7648, -34.2977$, and if you desaturate by 10%, it is $238.4550, 3.2267, -8.2920$.

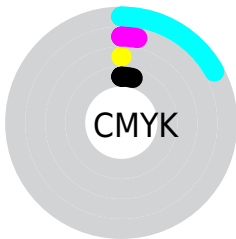
Distribution



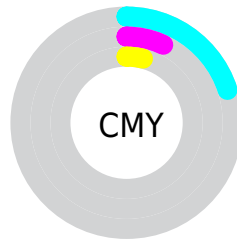
- Red (80%)
- Green (93%)
- Blue (96%)



- Red (80%)
- Yellow (87%)
- Blue (96%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.6320, 8.0694, -21.6023 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 228.6320, 8.0694, -21.6023 by changing the saturation by 10% instead.

■ 228.6320, 8.0694,
-21.6023

■ 228.6320, 8.0694,
-21.6023

255.0000, 0.0000,
0.0000

■ 200.6320, 8.0694,
-21.6023

■ 172.9310, 7.9220,
-20.9875

■ 146.2300, 7.7746,
-20.3727

■ 120.5290, 7.6272,
-19.7579

■ 95.4150, 7.1904,
-19.6580

■ 71.4150, 7.1904,
-19.6580

■ 48.4150, 7.1904,

-19.6580

■ 25.8170, 7.4852,
-20.8875

■ 10.6120, 5.1213,
-9.3067

■ 228.6320, 8.0694,
-21.6023

■ 228.6320, 8.0694,
-21.6023

■ 219.1080, 12.7648,
-34.2977

■ 238.4550, 3.2267,
-8.2920

■ 209.2850, 17.6075,
-47.6079

■ 247.9790, -1.4686,
4.4034

■ 199.1740, 22.5922,
-59.7886

■ 251.5120, -3.2104,
3.0590

■ 189.3510, 27.4350,
-73.0988

■ 253.8600, -4.3680,
0.9998

■ 179.8270, 32.1303,
-85.7943

■ 170.0040, 36.9730,
-99.1045

■ 160.1810, 41.8158,
-112.4147

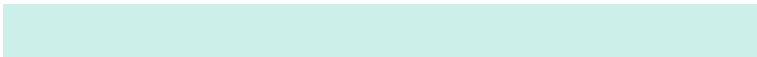
■ 150.6570, 46.5111,
-125.1102

■ 147.0910, 48.2691,
-128.9988

Harmonies

Analogous

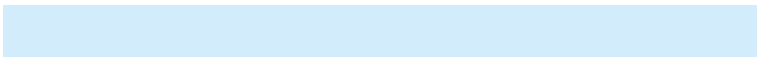
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.2640, 2.8278, -20.4025



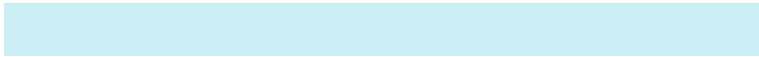
228.6320, 8.0694, -21.6023



230.3490, 10.6739, -16.9691

Triad

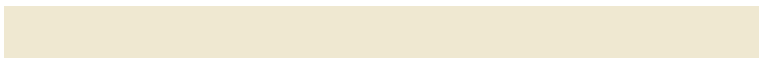
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.6320, 8.0694, -21.6023



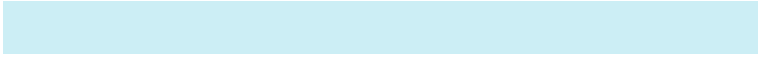
234.0000, 3.4510, 13.1550



231.4710, -11.0782, 6.6029

Complementary

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



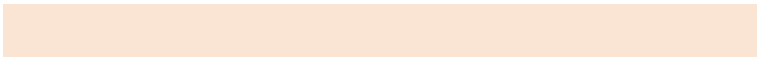
228.6320, 8.0694, -21.6023



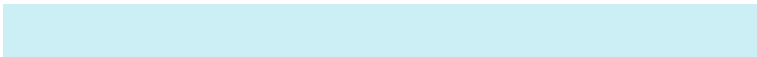
220.3680, -8.0694, 21.6023

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.



232.6400, -10.6685, 15.2247



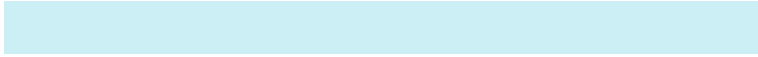
228.6320, 8.0694, -21.6023



233.9530, -1.9488, 18.4582

Square

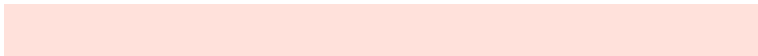
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.6320, 8.0694, -21.6023



233.1990, 8.2829, 3.3335



233.2860, -7.0430, 19.0432



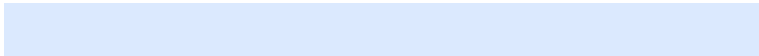
229.8010, -8.2829, -3.3335

Rectangle

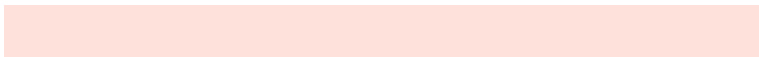
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



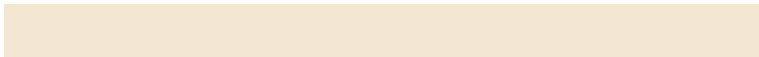
228.6320, 8.0694, -21.6023



231.2080, 11.2365, -10.7064



233.2860, -7.0430, 19.0432



232.0800, -11.3784, 9.5768

Sweetspot

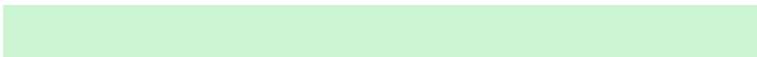
The Sweet Spot groups the original color and five complimentary colors.



228.6320, 8.0694, -21.6023



249.9390, 2.4951, -6.9625



228.8650, -8.8074, -21.8066



124.4340, 1.7580, -3.8886



0.0000, 0.0000, 0.0000



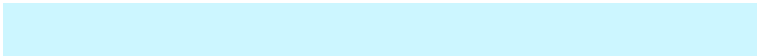
128.0000, 0.0000, 0.0000

Same Dimension

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



228.6320, 8.0694, -21.6023



234.4680, 10.1223, -26.7204



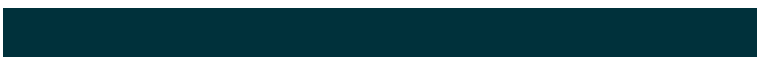
216.8920, 13.8572, -11.3063



117.2380, 2.3477, -6.3477



111.6020, 36.6782, -97.8750



35.4890, 11.5909, -31.1239

Inverse Universe

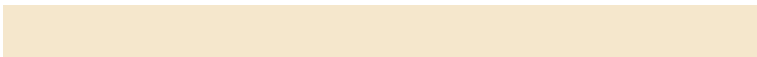
The Inverse Universe completely reimagines the original color for something new.



220.1350, 8.8074, 21.8066



224.0370, 10.8278, 27.1546



232.1080, -13.8572, 11.3063



114.7280, 2.5991, 6.3775



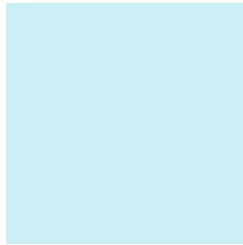
73.1700, 39.8492, 98.9519



23.2270, 12.7061, 31.3729

Previews

White Background



This preview shows how the YUV color 228.6320, 8.0694, -21.6023 looks on a white background.

Color Contrast Check

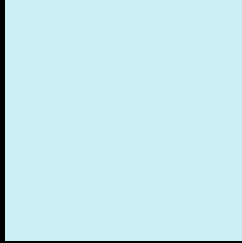
Large Text (above 18pt) WCAG AA × Fail

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 228.6320, 8.0694, -21.6023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

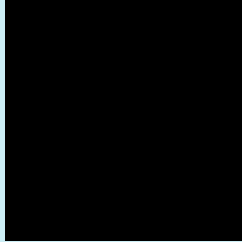
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 228.6320, 8.0694, -21.6023

Background



This preview shows how black text looks on a background with the YUV color 228.6320, 8.0694, -21.6023.



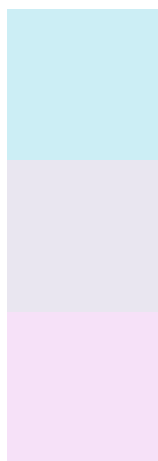
This preview shows how white text looks on a background with the YUV color 228.6320, 8.0694, -21.6023.

-21.6023.

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

228.6320, 8.0694, -21.6023

Protanopia

232.0370, 3.9258, 0.8446

Deuteranopia

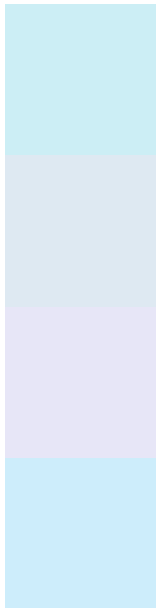
233.9010, 6.9508, 10.6108



Tritanopia

229.1960, 12.7214, -20.3429

Trichromacy



Original Color

228.6320, 8.0694, -21.6023

Protanomaly

230.7370, 5.5527, -7.6623

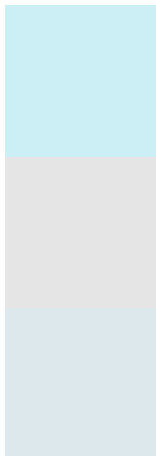
Deuteranomaly

232.2370, 7.2782, -1.0848

Tritanomaly

229.0280, 10.8322, -21.0726

Monochromacy



Original Color

228.6320, 8.0694, -21.6023

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

228.7540, 3.0793, -7.6773

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.6320, 8.0694, -21.6023 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(204, 238, 245)` looks like.

```
.text, #text, p{  
    color:rgb(204, 238, 245)  
}
```

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(204, 238, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 238, 245) }
```

Border

The CSS property to change the border of an element to YUV 228.6320, 8.0694, -21.6023 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(204, 238, 245) }
```


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

```
.border{ border-color:rgb(204, 238, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 238, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 238, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 238, 245);  
box-shadow:4px 4px 4px 4px rgb(204, 238,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 228.6320, 8.0694, -21.6023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 238, 245) }
```

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

```
.background{ background-color: rgb(204,  
238, 245) }
```

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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