

Converting Colors

YUV(222.2560, -35.1292,
20.8235)

Have a look what the booklet for
YUV(222.2560, -35.1292, 20.8235)
contains.

YUV(222.2560, -35.1292, 20.8235)	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(222.2560, -35.1292,
20.8235)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E097
RGB	246, 224, 151
RGB Percent	96%, 88%, 59%
CMY	0.0353, 0.1216, 0.4078
CMYK	0.00, 0.09, 0.39, 0.04
HSL	46°, 84%, 78%
HSV	46°, 39%, 96%
XYZ	70.2476, 75.1385, 40.0789
YIQ	222.2560, 36.5450, -18.0390

Conversions

Conversions Part 2

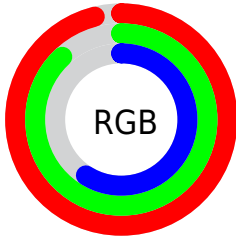
Format	Color
R _Y B	180, 246, 151
Decimal	16179351
CIE Lab	89.46, -2.49, 38.49
CIE LCh	89, 38.571, 93.708
Yxy	75.1385, 0.3788, 0.4051
Android (android.graphics.Color)	4294369431 (0xFF6E097)
YUV	222.2560, -35.1292, 20.8235
Hunter-Lab	86.6825, -7.0377, 33.2641

Details

The YUV color $222.2560, -35.1292, 20.8235$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $174.7440, 35.1292, -20.8235$, and the grayscale version is $223.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.4140, -21.4031, 4.8989$, and $166.7010, -33.3766, 18.6792$ is the 20% darker color. If you saturate the color by 10%, you get $215.8840, -44.3128, 26.4117$, and if you desaturate by 10%, it is $228.6280, -25.9456, 15.2352$.

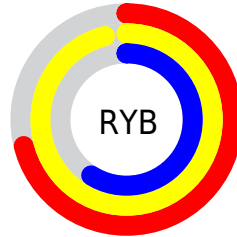
Distribution



Red (96%)

Green (88%)

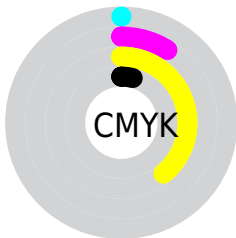
Blue (59%)



Red (71%)

Yellow (96%)

Blue (59%)

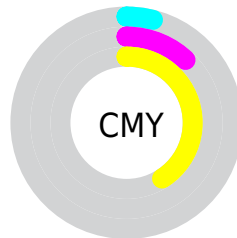


Cyan (0%)

Magenta (9%)

Yellow (39%)

Black (4%)



Cyan (4%)

Magenta (12%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.2560, -35.1292, 20.8235 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 222.2560, -35.1292, 20.8235 by changing the saturation by 10% instead.

222.2560,
-35.1292, 20.8235

222.2560,
-35.1292, 20.8235

255.0000, 0.0000,
0.0000

194.1850,
-34.1082, 20.0088

249.4140,
-21.4031, 4.8989

166.7010,
-33.3766, 18.6792

252.6060, -9.1728,
2.0995

140.2170,
-32.6450, 17.3497

114.1460,
-31.6240, 16.5350

89.2490, -31.1818,
14.6906

64.7220, -31.9079,
14.2758

44.3330, -21.8562,

10.2320

■ 25.4170, -12.5306,
5.7733

■ 0.0000, 0.0000,
0.0000

■ 222.2560,
-35.1292, 20.8235

■ 222.2560,
-35.1292, 20.8235

■ 215.8840,
-44.3128, 26.4117

■ 228.6280,
-25.9456, 15.2352

■ 210.2130,
-53.3490, 31.3852

■ 234.2990,
-16.9094, 10.2618

■ 203.8410,
-62.5326, 36.9734

■ 240.6710, -7.7258,
4.6735

■ 197.5830,
-71.2794, 42.4617

■ 246.9290, 1.0210,
-0.8147

■ 191.7980,
-80.7524, 47.5352

■ 250.5480, 2.1948,
-3.9886

■ 185.4260,
-89.9360, 53.1234

■ 252.3090, 1.3267,
-5.5330

■ 184.4970,
-90.9570, 53.9381

Harmonies

Analogous

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



218.3420, -28.7626, 32.1491



222.2560, -35.1292, 20.8235



218.1210, -27.1747, -10.6301

Triad

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



222.2560, -35.1292, 20.8235



202.7960, 25.7366, -88.3981



223.8890, 15.3377, 27.2843

Complementary

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



222.2560, -35.1292, 20.8235



174.7440, 35.1292, -20.8235

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.



225.2520, 14.6658, 9.4260



222.2560, -35.1292, 20.8235



206.7600, 23.7823, -68.1955

Square

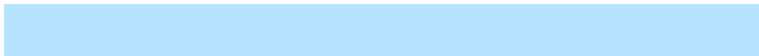
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.2560, -35.1292, 20.8235



206.2850, 10.7055, -73.9179



217.0360, 18.7163, -29.8496



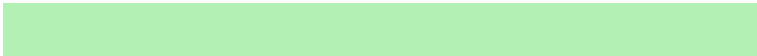
217.1920, 2.3703, 33.1576

Rectangle

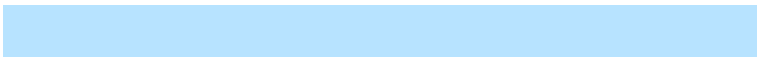
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



222.2560, -35.1292, 20.8235



214.6220, -17.0686, -32.1175



217.0360, 18.7163, -29.8496



226.2370, 14.1802, 25.2252

Sweetspot

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



222.2560, -35.1292, 20.8235



247.3570, -11.5150, 6.7029



181.9130, -4.3941, 56.2043



123.0130, -6.4154, 4.3736



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.



222.2560, -35.1292, 20.8235



225.8130, -43.2918, 25.5970



227.6950, -37.8106, -5.8715



119.4580, -4.6628, 2.2293



139.5550, -68.8006, 40.7323



44.0560, -21.7196, 13.1059

Inverse Universe

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



174.7440, 35.1292, -20.8235



167.1870, 43.2918, -25.5970



169.3050, 37.8106, 5.8715



113.1290, 4.3734, -2.7441



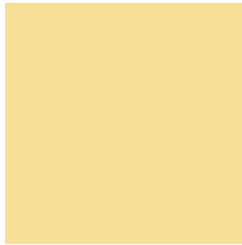
46.4450, 68.8006, -40.7323



14.9440, 21.7196, -13.1059

Previews

White Background



This preview shows how the YUV color 222.2560, -35.1292, 20.8235 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 222.2560, -35.1292, 20.8235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

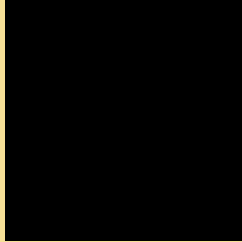
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 222.2560, -35.1292, 20.8235

Background



This preview shows how black text looks on a background with the YUV color 222.2560, -35.1292, 20.8235.

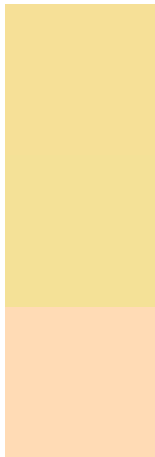


This preview shows how white text looks on a background with the YUV color 222.2560, -35.1292, 20.8235.

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

222.2560, -35.1292, 20.8235

Protanopia

222.2450, -35.1238, 19.0791

Deuteranopia

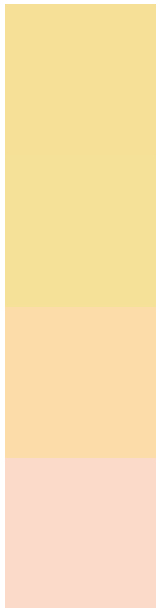
225.4320, -21.9050, 25.9311



Tritanopia

228.1970, 1.3819, 23.5062

Trichromacy



Original Color

222.2560, -35.1292, 20.8235

Protanomaly

222.5440, -35.2712, 19.6939

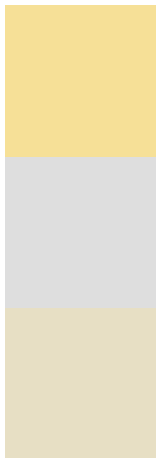
Deuteranomaly

224.4550, -26.8463, 24.1570

Tritanomaly

226.3420, -12.0006, 22.5021

Monochromacy



Original Color

222.2560, -35.1292, 20.8235

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

222.3140, -12.9728, 7.6176

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.2560, -35.1292, 20.8235 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(246, 224, 151)` looks like.

```
.text, #text, p{  
    color:rgb(246, 224, 151)  
}
```

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(246, 224, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 224, 151) }
```

Border

The CSS property to change the border of an element to YUV 222.2560, -35.1292, 20.8235 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(246, 224, 151) }
```


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

```
.border{ border-color:rgb(246, 224, 151) }
```

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

Here you see how a box with a 4 pixel rgb(246, 224, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 224, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 224, 151);  
box-shadow:4px 4px 4px 4px rgb(246, 224,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 222.2560, -35.1292, 20.8235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 224, 151) }
```

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

```
.background{ background-color: rgb(246,  
224, 151) }
```

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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