

Converting Colors

YUV(133.1120, 20.1578,
-25.5312)

Have a look what the booklet for
YUV(133.1120, 20.1578, -25.5312)
contains.

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Color

**YUV(133.1120, 20.1578,
-25.5312)**

Conversions

Conversions Part 1

Format	Color
Hex	688CAE
RGB	104, 140, 174
RGB Percent	41%, 55%, 68%
CMY	0.5922, 0.4510, 0.3176
CMYK	0.40, 0.20, 0.00, 0.32
HSL	209°, 30%, 55%
HSV	209°, 40%, 68%
XYZ	22.7270, 24.7552, 43.6248
YIQ	133.1120, -32.3700, 2.9420

Conversions

Conversions Part 2

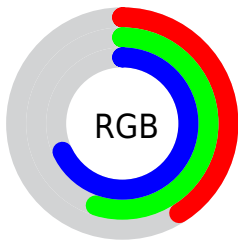
Format	Color
R_{YB}	104, 128, 174
Decimal	6851758
CIE _{Lab}	56.84, -3.61, -21.86
CIE _{LCh}	57, 22.158, 260.627
Yxy	24.7552, 0.2495, 0.2717
Android (android.graphics.Color)	4285041838 (0xFF688CAE)
YUV	133.1120, 20.1578, -25.5312
Hunter-Lab	49.7546, -5.5351, -17.1572

Details

The YUV color **133.1120, 20.1578, -25.5312** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **144.8880, -20.1578, 25.5312**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.7530, 21.3208, -25.2164**, and **82.1720, 19.1422, -26.4608** is the 20% darker color. If you saturate the color by 10%, you get **123.3330, 24.9788, -31.8640**, and if you desaturate by 10%, it is **142.8910, 15.3367, -19.1984**.

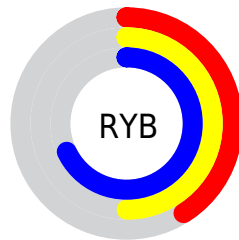
Distribution



Red (41%)

Green (55%)

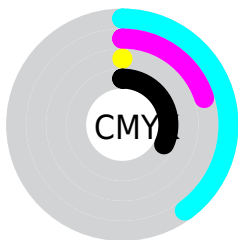
Blue (68%)



Red (41%)

Yellow (50%)

Blue (68%)

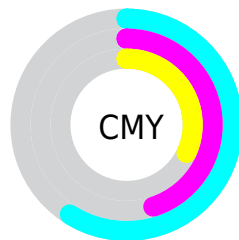


Cyan (40%)

Magenta (20%)

Yellow (0%)

Black (32%)



Cyan (59%)

Magenta (45%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.1120, 20.1578, -25.5312 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 133.1120, 20.1578, -25.5312 by changing the saturation by 10% instead.

■ 133.1120, 20.1578,
-25.5312

■ 133.1120, 20.1578,
-25.5312

■ 255.0000, 0.0000,
0.0000

■ 107.5850, 19.4316,
-25.9460

■ 186.7530, 21.3208,
-25.2164

■ 82.1720, 19.1422,
-26.4608

■ 214.1120, 20.1578,
-25.5312

■ 57.5630, 19.4424,
-29.4348

■ 239.8060, 7.4906,
-22.6319

■ 34.7370, 18.8637,
-30.4643

■ 251.4120, 1.7689,
-7.3773

■ 19.7880, 14.8945,
-17.3541

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,

0.0000

■ 133.1120, 20.1578,
-25.5312

■ 133.1120, 20.1578,
-25.5312

■ 123.3330, 24.9788,
-31.8640

■ 142.8910, 15.3367,
-19.1984

■ 112.6680, 30.2367,
-38.2968

■ 153.5560, 10.0789,
-12.7656

■ 102.8890, 35.0577,
-44.6297

■ 163.3350, 5.2578,
-6.4328

■ 92.2240, 40.3156,
-51.0624

■ 174.0000, 0.0000,
0.0000

■ 82.4450, 45.1366,
-57.3953

■ 183.7790, -4.8210,
6.3328

■ 72.0790, 50.2471,
-63.2133

■ 194.1450, -9.9315,
12.1508

■ 204.2230,
-14.8999, 19.0984

■ 214.5890,
-20.0104, 24.9164

■ 222.8730,
-24.0944, 28.1754

Harmonies

Analogous

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



128.8560, 18.3120, -40.2157



133.1120, 20.1578, -25.5312



137.4350, 17.0405, -5.6435

Triad

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



133.1120, 20.1578, -25.5312



138.9610, -7.3758, 32.4832



131.2680, -9.9921, -15.1440

Complementary

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



133.1120, 20.1578, -25.5312



144.8880, -20.1578, 25.5312

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.



133.9560, -16.7403, 2.6696



133.1120, 20.1578, -25.5312



137.5770, -15.0745, 28.4350

Square

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



133.1120, 20.1578, -25.5312



139.6320, 1.6604, 27.5097



136.0010, -18.2415, 17.5391



128.8020, 0.0976, -31.3984

Rectangle

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



133.1120, 20.1578, -25.5312



138.8990, 13.3608, 7.9816



136.0010, -18.2415, 17.5391



132.6170, -12.6292, -9.3111

Sweetspot

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



133.1120, 20.1578, -25.5312



211.2960, 7.7421, -9.9066



148.9660, -5.4062, -39.4352



105.5200, 4.6736, -5.7180



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



133.1120, 20.1578, -25.5312



163.2980, 31.4051, -39.7263



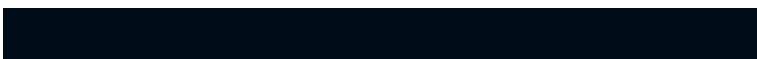
112.5670, 30.2865, -7.5133



81.3740, 2.7736, -2.9590



62.2990, 43.2366, -54.6362



9.6660, 6.5737, -8.4771

Inverse Universe

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



129.0340, 5.4062, 39.4352



156.9750, 8.3933, 61.4119



165.4330, -30.2865, 7.5133



81.1470, 0.4205, 5.1331



53.6280, 11.5224, 84.5182



8.2450, 1.8512, 12.9401

Previews

White Background



This preview shows how the YUV color 133.1120, 20.1578, -25.5312 looks on a white background.

Color Contrast Check

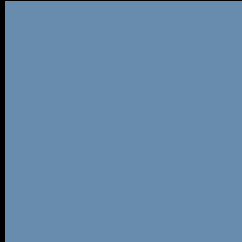
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.1120, 20.1578, -25.5312 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 × Fail

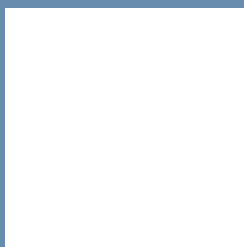
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 133.1120, 20.1578, -25.5312

Background



This preview shows how black text looks on a background with the YUV color 133.1120, 20.1578, -25.5312.



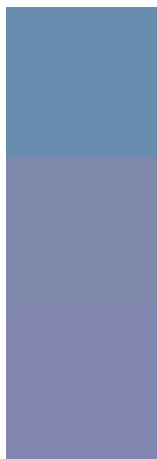
This preview shows how white text looks on a background with the YUV color 133.1120, 20.1578, -25.5312.

-25.5312.

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

133.1120, 20.1578, -25.5312

Protanopia

136.5980, 16.4672, -8.4174

Deuteranopia

136.8800, 18.7932, -7.7878



Tritanopia

131.2120, 11.7275, -28.2499

Trichromacy



Original Color

133.1120, 20.1578, -25.5312

Protanomaly

135.4940, 17.5045, -14.4652

Deuteranomaly

135.3630, 19.5410, -14.3504

Tritanomaly

132.0210, 14.7796, -27.2054

Monochromacy



Original Color

133.1120, 20.1578, -25.5312

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.1820, 7.3053, -9.8066

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.1120, 20.1578, -25.5312 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(104, 140, 174)` looks like.

```
.text, #text, p{  
    color:rgb(104, 140, 174)  
}
```

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(104, 140, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 140, 174) }
```

Border

The CSS property to change the border of an element to YUV 133.1120, 20.1578, -25.5312 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(104, 140, 174) }
```


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

```
.border{ border-color:rgb(104, 140, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 140, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 140, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 140, 174);  
box-shadow:4px 4px 4px 4px rgb(104, 140,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 133.1120, 20.1578, -25.5312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 140, 174) }
```

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

```
.background{ background-color: rgb(104,  
140, 174) }
```

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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