

Converting Colors

YUV(128.1750, 44.7767,
-35.2335)

Have a look what the booklet for
YUV(128.1750, 44.7767, -35.2335)
contains.

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Color

**YUV(128.1750, 44.7767,
-35.2335)**

Conversions

Conversions Part 1

Format	Color
Hex	5883DB
RGB	88, 131, 219
RGB Percent	35%, 51%, 86%
CMY	0.6549, 0.4863, 0.1412
CMYK	0.60, 0.40, 0.00, 0.14
HSL	220°, 65%, 60%
HSV	220°, 60%, 86%
XYZ	24.9270, 23.4218, 70.2249
YIQ	128.1750, -53.8760, 18.2520

Conversions

Conversions Part 2

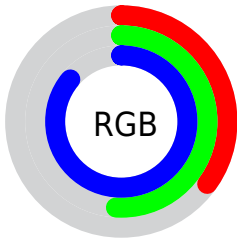
Format	Color
R _Y B	88, 120, 219
Decimal	5800923
CIE Lab	55.50, 11.84, -49.52
CIE LCh	56, 50.911, 283.447
Yxy	23.4218, 0.2102, 0.1975
Android (android.graphics.Color)	4283991003 (0xFF5883DB)
YUV	128.1750, 44.7767, -35.2335
Hunter-Lab	48.3961, 7.2455, -52.1553

Details

The YUV color **128.1750, 44.7767, -35.2335** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **178.8250, -44.7767, 35.2335**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.0310, 36.4667, -29.8452**, and **67.6130, 47.0258, -56.6656** is the 20% darker color. If you saturate the color by 10%, you get **112.7920, 52.3605, -41.0366**, and if you desaturate by 10%, it is **143.5580, 37.1929, -29.4304**.

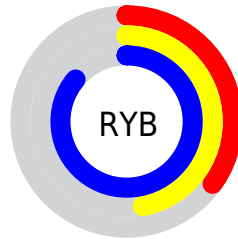
Distribution



Red (35%)

Green (51%)

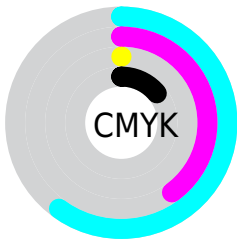
Blue (86%)



Red (35%)

Yellow (47%)

Blue (86%)

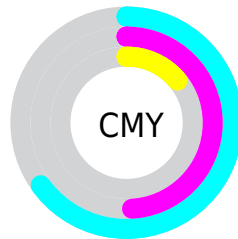


Cyan (60%)

Magenta (40%)

Yellow (0%)

Black (14%)



Cyan (65%)

Magenta (49%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.1750, 44.7767, -35.2335 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 128.1750, 44.7767, -35.2335 by changing the saturation by 10% instead.

■ 128.1750, 44.7767,
-35.2335

■ 128.1750, 44.7767,
-35.2335

255.0000, 0.0000,
0.0000

■ 100.4410, 44.6456,
-39.8518

■ 181.0310, 36.4667,
-29.8452

■ 67.6130, 47.0258,
-56.6656

■ 205.8500, 24.2310,
-25.3014

■ 50.8380, 42.4779,
-44.5849

■ 230.9570, 11.8532,
-21.8873

■ 35.5470, 37.1983,
-31.1747

■ 249.3190, 2.8007,
-11.6808

■ 20.9570, 32.0662,
-18.3793

■ 10.5900, 25.3451,
-9.2874

■ 6.2070, 16.1669,

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 128.1750, 44.7767,
-35.2335

■ 128.1750, 44.7767,
-35.2335

■ 112.7920, 52.3605,
-41.0366

■ 143.5580, 37.1929,
-29.4304

■ 97.9960, 59.6550,
-47.3545

■ 158.3540, 29.8985,
-23.1125

■ 82.6130, 67.2388,
-53.1576

■ 173.7370, 22.3147,
-17.3093

■ 67.2300, 74.8226,
-58.9607

■ 189.1200, 14.7308,
-11.5062

■ 204.2040, 7.2944,
-6.3179

■ 219.0000, 0.0000,
0.0000

■ 234.3830, -7.5838,
5.8031

■ 247.3740,
-13.9884, 6.6880

■ 250.8960,
-15.7247, 3.5992

Harmonies

Analogous

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



109.8530, 52.8235, -96.3411



128.1750, 44.7767, -35.2335



136.9280, 29.6155, 21.1111

Triad

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



128.1750, 44.7767, -35.2335



131.0670, -28.1340, 63.9622



101.8950, 2.0238, -89.3619

Complementary

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



128.1750, 44.7767, -35.2335



178.8250, -44.7767, 35.2335

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.



120.3100, -27.2678, -27.4589



128.1750, 44.7767, -35.2335



129.6670, -41.7408, 41.5110

Square

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



128.1750, 44.7767, -35.2335



131.6870, -8.2267, 72.1885



126.2410, -42.5168, 10.3126



108.3130, 21.5377, -94.9905

Rectangle

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



128.1750, 44.7767, -35.2335



136.1180, 18.1828, 48.1315



126.2410, -42.5168, 10.3126



109.8890, -8.8193, -64.8007

Sweetspot

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



128.1750, 44.7767, -35.2335



223.0490, 15.7518, -12.3210



174.8150, 0.0912, -76.1368



108.1760, 9.7732, -8.0474



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.



128.1750, 44.7767, -35.2335



127.7830, 62.7180, -49.7987



109.5120, 53.9776, 0.4280



102.0150, 3.9366, -2.6442



53.1810, 59.0708, -46.6397



14.0490, 15.7518, -12.3210

Inverse Universe

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



132.0710, -0.5280, 76.2367



132.9700, -0.4782, 107.0203



197.4880, -53.9776, -0.4280



102.6310, -0.3111, 6.4626



58.2250, -0.6039, 100.6577



15.4640, -0.2288, 26.7801

Previews

White Background



This preview shows how the YUV color 128.1750, 44.7767, -35.2335 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 128.1750, 44.7767, -35.2335 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 128.1750, 44.7767, -35.2335

Background



This preview shows how black text looks on a background with the YUV color 128.1750, 44.7767, -35.2335.



This preview shows how white text looks on a background with the YUV color 128.1750, 44.7767, -35.2335.

-35.2335.

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

128.1750, 44.7767, -35.2335

Protanopia

129.5780, 43.5920, -28.5709

Deuteranopia

125.9460, 45.3826, -42.9256



Tritanopia

120.2520, 17.6238, -52.8410

Trichromacy



Original Color

128.1750, 44.7767, -35.2335

Protanomaly

129.2680, 43.7449, -30.9300

Deuteranomaly

126.5550, 45.0824, -39.9517

Tritanomaly

122.9290, 27.6430, -46.4187

Monochromacy



Original Color

128.1750, 44.7767, -35.2335

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8640, 16.3360, -13.0357

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.1750, 44.7767, -35.2335 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(88, 131, 219)` looks like.

```
.text, #text, p{  
    color:rgb(88, 131, 219)  
}
```

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(88, 131, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 131, 219) }
```

Border

The CSS property to change the border of an element to YUV 128.1750, 44.7767, -35.2335 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(88, 131, 219) }
```


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

```
.border{ border-color:rgb(88, 131, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 131, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 131, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 131, 219);  
box-shadow:4px 4px 4px 4px rgb(88, 131,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 128.1750, 44.7767, -35.2335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 131, 219) }
```

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

```
.background{ background-color: rgb(88, 131,  
219) }
```

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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