

Converting Colors

YUV(113.2120, 55.6045,
-8.0789)

Have a look what the booklet for
YUV(113.2120, 55.6045, -8.0789)
contains.

YUV(113.2120, 55.6045, -8.0789)	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(113.2120, 55.6045,
-8.0789)**

Conversions

Conversions Part 1

Format	Color
Hex	6860E2
RGB	104, 96, 226
RGB Percent	41%, 38%, 89%
CMY	0.5922, 0.6235, 0.1137
CMYK	0.54, 0.58, 0.00, 0.11
HSL	244°, 69%, 63%
HSV	244°, 58%, 89%
XYZ	23.6193, 16.7998, 73.9493
YIQ	113.2120, -36.9620, 42.1260

Conversions

Conversions Part 2

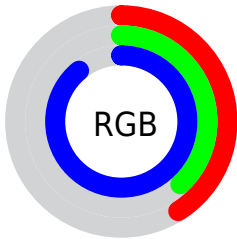
Format	Color
R_{YB}	104, 96, 226
Decimal	6840546
CIE _{Lab}	48.01, 38.46, -65.44
CIE _{LCh}	48, 75.908, 300.440
Yxy	16.7998, 0.2065, 0.1469
Android (android.graphics.Color)	4285030626 (0xFF6860E2)
YUV	113.2120, 55.6045, -8.0789
Hunter-Lab	40.9875, 31.1332, -78.2792

Details

The YUV color **113.2120, 55.6045, -8.0789** is a dark color, and the websafe version is hex **6666FF**. A complement of this color would be **208.7880, -55.6045, 8.0789**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0960, 44.8157, -0.9612**, and **58.6080, 54.9163, -20.7042** is the 20% darker color. If you saturate the color by 10%, you get **93.4320, 65.3560, -9.1489**, and if you desaturate by 10%, it is **132.9920, 45.8529, -7.0090**.

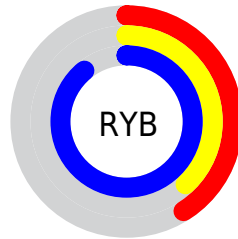
Distribution



Red (41%)

Green (38%)

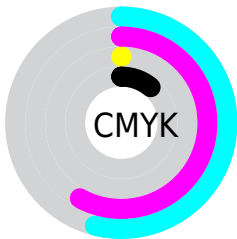
Blue (89%)



Red (41%)

Yellow (38%)

Blue (89%)

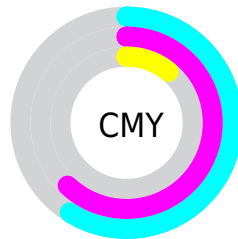


Cyan (54%)

Magenta (58%)

Yellow (0%)

Black (11%)



Cyan (59%)

Magenta (62%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.2120, 55.6045, -8.0789 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 113.2120, 55.6045, -8.0789 by changing the saturation by 10% instead.

■ 113.2120, 55.6045,
-8.0789

■ 113.2120, 55.6045,
-8.0789

■ 255.0000, 0.0000,
0.0000

■ 86.5490, 54.4523,
-11.8825

■ 164.0960, 44.8157,
-0.9612

■ 58.6080, 54.9163,
-20.7042

■ 188.9150, 32.5799,
3.5825

■ 32.6240, 53.9224,
-28.6112

■ 213.7340, 20.3441,
8.1263

■ 17.9200, 48.3534,
-15.7158

■ 239.1400, 7.8190,
12.1552

■ 10.3740, 39.7486,
-9.0980

■ 11.6330, 26.8029,
-10.2021

■ 6.6630, 17.9141,

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 113.2120, 55.6045,
-8.0789

■ 113.2120, 55.6045,
-8.0789

■ 93.4320, 65.3560,
-9.1489

■ 132.9920, 45.8529,
-7.0090

■ 74.2390, 74.8182,
-10.7336

■ 152.1850, 36.3908,
-5.4242

■ 54.1600, 84.7171,
-12.4183

■ 172.2640, 26.4918,
-3.7395

■ 34.9670, 94.1793,
-14.0031

■ 191.4570, 17.0297,
-2.1548

■ 29.9500, 96.6527,
-13.9881

■ 211.2370, 7.2782,
-1.0848

■ 231.0170, -2.4734,
-0.0149

■ 250.2100,
-11.9355, 1.5698

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



99.4300, 71.2730, -87.2001



113.2120, 55.6045, -8.0789



109.6750, 33.6842, 69.5680

Triad

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



113.2120, 55.6045, -8.0789



104.9220, -51.7265, 71.1054



95.0620, 8.8434, -83.3694

Complementary

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



113.2120, 55.6045, -8.0789



208.7880, -55.6045, 8.0789

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.



85.4350, -20.4275, -74.9265



113.2120, 55.6045, -8.0789



107.0060, -52.7540, 27.1817

Square

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



113.2120, 55.6045, -8.0789



96.1660, -21.2808, 105.9714



96.6640, -47.6554, -21.6303



103.0590, 36.9459, -90.3827

Rectangle

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



113.2120, 55.6045, -8.0789



92.2300, 22.0716, 107.6693



96.6640, -47.6554, -21.6303



92.5540, -0.7661, -81.1699

Sweetspot

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



113.2120, 55.6045, -8.0789



217.5000, 18.4875, -3.0695



183.6080, 20.8993, -76.8322



105.5620, 11.0619, -1.3699



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.



113.2120, 55.6045, -8.0789



102.3530, 75.2550, -10.8336



132.0490, 46.3178, 30.6520



102.5530, 4.6574, -0.4850



23.3530, 75.2550, -10.8336



6.3690, 20.5241, -2.9546

Inverse Universe

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



148.7780, 34.1264, 67.7237



150.4340, 46.1280, 91.7044



189.6520, -46.1704, -31.2668



105.5430, 3.1833, 5.6628



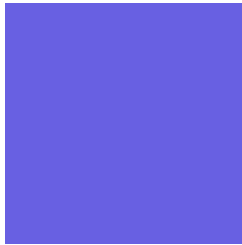
71.4340, 46.1280, 91.7044



19.4820, 12.5804, 25.0103

Previews

White Background



This preview shows how the YUV color 113.2120, 55.6045, -8.0789 looks on a white background.

Color Contrast Check

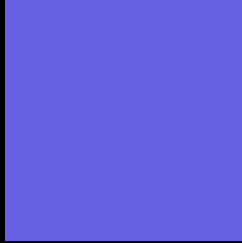
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 113.2120, 55.6045, -8.0789 looks on a black 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

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

YUV 113.2120, 55.6045, -8.0789

Background



This preview shows how black text looks on a background with the YUV color 113.2120, 55.6045, -8.0789.



This preview shows how white text looks on a background with the YUV color 113.2120, 55.6045, -8.0789.

-8.0789.

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

113.2120, 55.6045, -8.0789

Protanopia

90.5450, 70.2303, -79.4080

Deuteranopia

91.1200, 54.6638, -79.9122



Tritanopia

107.1900, 11.7383, -31.7386

Trichromacy



Original Color

113.2120, 55.6045, -8.0789

Protanomaly

98.6300, 64.7654, -53.1725

Deuteranomaly

99.3990, 55.0193, -53.8469

Tritanomaly

109.4850, 27.8619, -23.2273

Monochromacy



Original Color

113.2120, 55.6045, -8.0789

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.2550, 20.0873, -2.8546

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.2120, 55.6045, -8.0789 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, 96, 226)` looks like.

```
.text, #text, p{  
    color:rgb(104, 96, 226)  
}
```

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, 96, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 96, 226) }
```

Border

The CSS property to change the border of an element to YUV 113.2120, 55.6045, -8.0789 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, 96, 226) }
```


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

```
.border{ border-color:rgb(104, 96, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 96, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 96, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 96, 226);  
box-shadow:4px 4px 4px 4px rgb(104, 96,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 113.2120, 55.6045, -8.0789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 96, 226) }
```

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

```
.background{ background-color: rgb(104, 96,  
226) }
```

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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