

Converting Colors

YUV(120.9450, 46.8621,
-50.8178)

Have a look what the booklet for
YUV(120.9450, 46.8621, -50.8178)
contains.

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Color

**YUV(120.9450, 46.8621,
-50.8178)**

Conversions

Conversions Part 1

Format	Color
Hex	3F84D8
RGB	63, 132, 216
RGB Percent	25%, 52%, 85%
CMY	0.7529, 0.4824, 0.1529
CMYK	0.71, 0.39, 0.00, 0.15
HSL	213°, 66%, 55%
HSV	213°, 71%, 85%
XYZ	22.6958, 22.5172, 68.1158
YIQ	120.9450, -68.0880, 11.4960

Conversions

Conversions Part 2

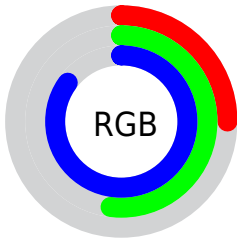
Format	Color
R _Y B	63, 111, 216
Decimal	4162776
CIE Lab	54.57, 6.01, -49.38
CIE LCh	55, 49.741, 276.941
Yxy	22.5172, 0.2003, 0.1987
Android (android.graphics.Color)	4282352856 (0xFF3F84D8)
YUV	120.9450, 46.8621, -50.8178
Hunter-Lab	47.4522, 2.3329, -51.8918

Details

The YUV color **120.9450, 46.8621, -50.8178** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **158.0550, -46.8621, 50.8178**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.6380, 39.1255, -42.6555**, and **67.0750, 46.3050, -58.8248** is the 20% darker color. If you saturate the color by 10%, you get **107.3230, 53.5778, -58.1653**, and if you desaturate by 10%, it is **134.5670, 40.1465, -43.4703**.

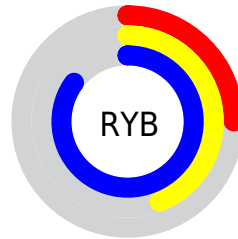
Distribution



Red (25%)

Green (52%)

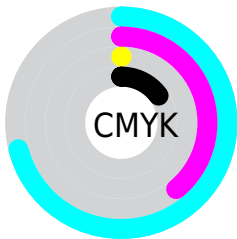
Blue (85%)



Red (25%)

Yellow (44%)

Blue (85%)

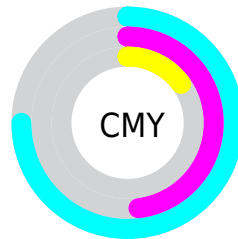


Cyan (71%)

Magenta (39%)

Yellow (0%)

Black (15%)



Cyan (75%)

Magenta (48%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.9450, 46.8621, -50.8178 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 120.9450, 46.8621, -50.8178 by changing the saturation by 10% instead.

■ 120.9450, 46.8621,
-50.8178

■ 120.9450, 46.8621,
-50.8178

■ 255.0000, 0.0000,
0.0000

■ 87.8290, 49.3843,
-66.5020

■ 175.6380, 39.1255,
-42.6555

■ 67.0750, 46.3050,
-58.8248

■ 200.7560, 26.7423,
-37.4970

■ 51.0830, 40.8781,
-44.7998

■ 226.1620, 14.2171,
-33.4681

■ 35.7920, 35.5985,
-31.3896

■ 243.9370, 5.4541,
-22.7467

■ 21.2020, 30.4664,
-18.5942

■ 252.9070, 1.0318,
-4.3034

■ 10.2480, 24.0347,
-8.9875

■ 5.3920, 15.5827,

-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 120.9450, 46.8621,
-50.8178

■ 120.9450, 46.8621,
-50.8178

■ 107.3230, 53.5778,
-58.1653

■ 134.5670, 40.1465,
-43.4703

■ 94.0000, 60.1460,
-64.8980

■ 147.8900, 33.5782,
-36.7375

■ 81.5630, 66.2774,
-71.5308

■ 161.5120, 26.8626,
-29.3900

■ 174.2480, 20.5837,
-22.1425

■ 187.8700, 13.8681,
-14.7950

■ 201.4920, 7.1524,
-7.4475

■ 214.8150, 0.5842,
-0.7148

■ 228.4370, -6.1314,
6.6328

■ 241.1620,
-12.4049, 12.1359

Harmonies

Analogous

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



108.3540, 49.6185, -95.0265



120.9450, 46.8621, -50.8178



133.9590, 32.5582, 10.5600

Triad

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



120.9450, 46.8621, -50.8178



128.9300, -23.6295, 65.8364



103.9740, -4.4242, -74.5222

Complementary

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



120.9450, 46.8621, -50.8178



158.0550, -46.8621, 50.8178

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.



120.1540, -30.6419, -18.5521



120.9450, 46.8621, -50.8178



127.9110, -38.4101, 46.5591

Square

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



120.9450, 46.8621, -50.8178



129.8160, -3.8533, 69.4444



125.1710, -42.9753, 17.3900



105.1840, 17.1643, -92.2464

Rectangle

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



120.9450, 46.8621, -50.8178



134.2740, 21.5569, 39.2247



125.1710, -42.9753, 17.3900



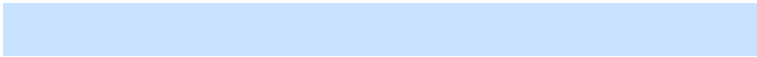
112.8650, -15.7094, -48.1166

Sweetspot

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



120.9450, 46.8621, -50.8178



221.8310, 16.3523, -18.2688



162.1590, -8.4594, -86.9624



107.8660, 9.9261, -10.4065



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.



120.9450, 46.8621, -50.8178



120.2640, 66.4248, -72.1455



81.9370, 66.0931, -12.2227



100.1890, 3.3578, -3.6738



64.6930, 52.4094, -56.7358



16.6420, 12.9945, -14.5950

Inverse Universe

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



116.6130, 7.5858, 87.1624



114.0550, 10.8189, 123.6088



197.0630, -66.0931, 12.2227



99.8590, 0.5625, 6.2627



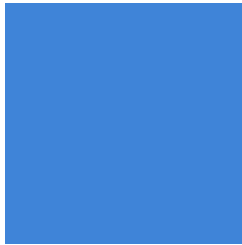
59.9070, 8.4268, 97.4286



15.1370, 2.3975, 24.4359

Previews

White Background



This preview shows how the YUV color 120.9450, 46.8621, -50.8178 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 120.9450, 46.8621, -50.8178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

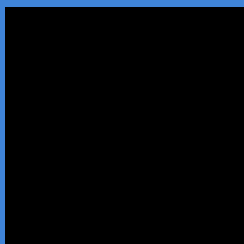
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

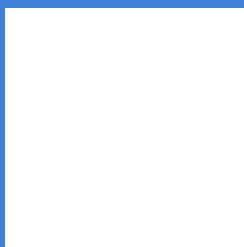
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 120.9450, 46.8621, -50.8178

Background



This preview shows how black text looks on a background with the YUV color 120.9450, 46.8621, -50.8178.



This preview shows how white text looks on a background with the YUV color 120.9450, 46.8621, -50.8178.

-50.8178.

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

120.9450, 46.8621, -50.8178

Protanopia

127.3070, 41.2606, -27.4562

Deuteranopia

123.0490, 45.8248, -44.7700



Tritanopia

102.3120, 26.4682, -89.7276

Trichromacy



Original Color

120.9450, 46.8621, -50.8178

Protanomaly

125.1210, 43.3243, -36.0631

Deuteranomaly

122.1520, 46.2671, -46.6143

Tritanomaly

109.3490, 33.8449, -75.7281

Monochromacy



Original Color

120.9450, 46.8621, -50.8178

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0590, 17.2259, -18.4687

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.9450, 46.8621, -50.8178 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(63, 132, 216)` looks like.

```
.text, #text, p{  
    color:rgb(63, 132, 216)  
}
```

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(63, 132, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 132, 216) }
```

Border

The CSS property to change the border of an element to YUV 120.9450, 46.8621, -50.8178 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(63, 132, 216) }
```


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

```
.border{ border-color:rgb(63, 132, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 132, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 132, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 132, 216);  
box-shadow:4px 4px 4px 4px rgb(63, 132,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 120.9450, 46.8621, -50.8178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 132, 216) }
```

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

```
.background{ background-color: rgb(63, 132,  
216) }
```

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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