

Converting Colors

YUV(118.3220, 21.5333,
-46.7634)

Have a look what the booklet for
YUV(118.3220, 21.5333, -46.7634)
contains.

YUV(118.3220, 21.5333, -46.7634)	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(118.3220, 21.5333,
-46.7634)**

Conversions

Conversions Part 1

Format	Color
Hex	4189A2
RGB	65, 137, 162
RGB Percent	25%, 54%, 64%
CMY	0.7451, 0.4627, 0.3647
CMYK	0.60, 0.15, 0.00, 0.36
HSL	195°, 43%, 45%
HSV	195°, 60%, 64%
XYZ	17.6472, 21.6238, 37.4261
YIQ	118.3220, -50.9370, -7.4890

Conversions

Conversions Part 2

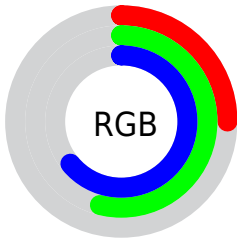
Format	Color
R_{YB}	65, 106, 162
Decimal	4295074
CIE _{Lab}	53.63, -14.87, -20.05
CIE _{LCh}	54, 24.964, 233.451
Yxy	21.6238, 0.2301, 0.2819
Android (android.graphics.Color)	4282485154 (0xFF4189A2)
YUV	118.3220, 21.5333, -46.7634
Hunter-Lab	46.5014, -13.6368, -15.1679

Details

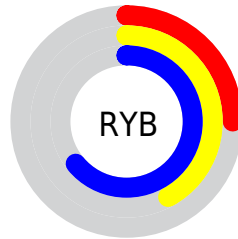
The YUV color **118.3220, 21.5333, -46.7634** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **108.6780, -21.5333, 46.7634**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4470, 21.9646, -45.1190**, and **63.6090, 22.8708, -55.7851** is the 20% darker color. If you saturate the color by 10%, you get **111.1900, 25.0493, -54.5406**, and if you desaturate by 10%, it is **125.4540, 18.0172, -38.9862**.

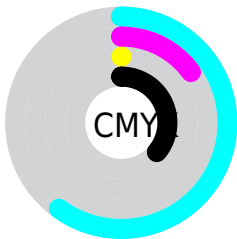
Distribution



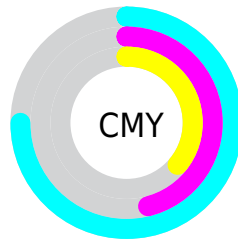
- Red (25%)
- Green (54%)
- Blue (64%)



- Red (25%)
- Yellow (42%)
- Blue (64%)



- Cyan (60%)
- Magenta (15%)
- Yellow (0%)
- Black (36%)



- Cyan (75%)
- Magenta (46%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.3220, 21.5333, -46.7634 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 118.3220, 21.5333, -46.7634 by changing the saturation by 10% instead.

■ 118.3220, 21.5333,
-46.7634

■ 118.3220, 21.5333,
-46.7634

■ 255.0000, 0.0000,
0.0000

■ 91.1150, 22.1283,
-50.9669

■ 172.4470, 21.9646,
-45.1190

■ 63.6090, 22.8708,
-55.7851

■ 200.4470, 21.9646,
-45.1190

■ 47.3720, 19.0436,
-41.5452

■ 227.2810, 13.6655,
-43.2194

■ 31.8360, 15.3639,
-27.9202

■ 240.6480, 7.0755,
-29.5093

■ 17.5880, 11.5421,
-15.4247

■ 249.3190, 2.8007,
-11.6808

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,

0.0000

■ 118.3220, 21.5333,
-46.7634

■ 118.3220, 21.5333,
-46.7634

■ 111.1900, 25.0493,
-54.5406

■ 125.4540, 18.0172,
-38.9862

■ 104.0580, 28.5654,
-62.3179

■ 132.5860, 14.5011,
-31.2089

■ 96.0400, 32.5183,
-70.1951

■ 140.6040, 10.5482,
-23.3317

■ 88.9080, 36.0344,
-77.9723

■ 147.7360, 7.0322,
-15.5545

■ 154.8680, 3.5161,
-7.7772

■ 162.0000, 0.0000,
0.0000

■ 169.1320, -3.5161,
7.7772

■ 176.5630, -7.1796,
16.1692

■ 184.2820,
-10.9850, 23.4317

Harmonies

Analogous

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



116.2370, 13.6872, -50.1968



118.3220, 21.5333, -46.7634



124.6710, 22.3472, -27.7755

Triad

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



118.3220, 21.5333, -46.7634



130.9530, 1.5022, 31.6132



125.1900, -18.3347, 0.7104

Complementary

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



118.3220, 21.5333, -46.7634



108.6780, -21.5333, 46.7634

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.



127.4310, -20.4255, 18.0390



118.3220, 21.5333, -46.7634



130.2280, -8.9864, 35.7570

Square

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



118.3220, 21.5333, -46.7634



131.3840, 11.1497, 17.2032



129.0180, -17.2639, 30.6792



122.2460, -9.9813, -18.6327

Rectangle

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



118.3220, 21.5333, -46.7634



128.0150, 20.6986, -12.2912



129.0180, -17.2639, 30.6792



125.8810, -19.6613, 6.2434

Sweetspot

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



118.3220, 21.5333, -46.7634



194.7680, 8.4954, -18.2135



124.6750, -17.5878, -52.3350



96.6010, 5.1267, -11.0511



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



118.3220, 21.5333, -46.7634



142.7730, 34.1289, -73.4689



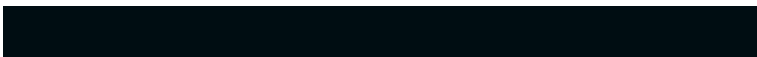
90.1460, 35.4240, -22.0530



77.5480, 2.1948, -3.9886



79.9260, 32.0815, -70.0951



9.6830, 4.1003, -8.4920

Inverse Universe

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



102.2110, 17.1510, 52.4350



117.6290, 26.8049, 82.7634



136.8540, -35.4240, 22.0530



76.3750, 1.2941, 4.9331



55.6670, 25.8002, 78.3450



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 118.3220, 21.5333, -46.7634 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 118.3220, 21.5333, -46.7634 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

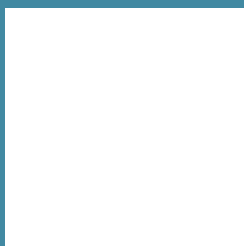
Any Text WCAG AAA × Fail

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

YUV 118.3220, 21.5333, -46.7634 Background



This preview shows how black text looks on a background with the YUV color 118.3220, 21.5333, -46.7634.



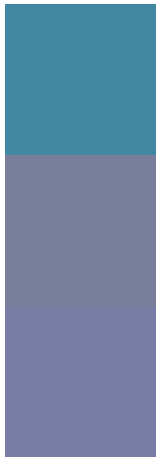
This preview shows how white text looks on a background with the YUV color 118.3220, 21.5333, -46.7634.

-46.7634.

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

118.3220, 21.5333, -46.7634

Protanopia

127.6970, 12.9674, -5.8733

Deuteranopia

128.0650, 18.2090, -7.0730



Tritanopia

116.6330, 16.4499, -49.6671

Trichromacy



Original Color

118.3220, 21.5333, -46.7634

Protanomaly

124.4070, 16.0683, -20.5279

Deuteranomaly

124.3190, 19.5627, -21.3278

Tritanomaly

117.1000, 18.1917, -48.3227

Monochromacy



Original Color

118.3220, 21.5333, -46.7634

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.2520, 7.7638, -16.8840

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.3220, 21.5333, -46.7634 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(65, 137, 162)` looks like.

```
.text, #text, p{  
    color:rgb(65, 137, 162)  
}
```

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(65, 137, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 137, 162) }
```

Border

The CSS property to change the border of an element to YUV 118.3220, 21.5333, -46.7634 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(65, 137, 162) }
```


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

```
.border{ border-color:rgb(65, 137, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 137, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 137, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 137, 162);  
box-shadow:4px 4px 4px 4px rgb(65, 137,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 118.3220, 21.5333, -46.7634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 137, 162) }
```

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

```
.background{ background-color: rgb(65, 137,  
162) }
```

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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