

Converting Colors

YUV(134.8490, 22.2594,
-46.3486)

Have a look what the booklet for
YUV(134.8490, 22.2594, -46.3486)
contains.

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Color

**YUV(134.8490, 22.2594,
-46.3486)**

Conversions

Conversions Part 1

Format	Color
Hex	5299B4
RGB	82, 153, 180
RGB Percent	32%, 60%, 71%
CMY	0.6784, 0.4000, 0.2941
CMYK	0.54, 0.15, 0.00, 0.29
HSL	197°, 40%, 51%
HSV	197°, 54%, 71%
XYZ	23.1091, 27.8716, 47.3418
YIQ	134.8490, -50.9830, -6.6550

Conversions

Conversions Part 2

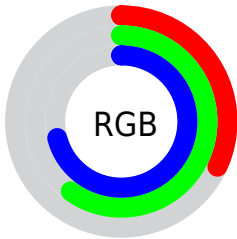
Format	Color
R_{YB}	82, 123, 180
Decimal	5413300
CIE _{Lab}	59.77, -14.54, -20.87
CIE _{LCh}	60, 25.436, 235.147
Yxy	27.8716, 0.2350, 0.2835
Android (android.graphics.Color)	4283603380 (0xFF5299B4)
YUV	134.8490, 22.2594, -46.3486
Hunter-Lab	52.7936, -14.2546, -16.2119

Details

The YUV color **134.8490, 22.2594, -46.3486** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **127.1510, -22.2594, 46.3486**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.6750, 22.8382, -45.3190**, and **78.5380, 23.8918, -56.5998** is the 20% darker color. If you saturate the color by 10%, you get **126.5320, 26.3597, -54.8406**, and if you desaturate by 10%, it is **143.1660, 18.1592, -37.8566**.

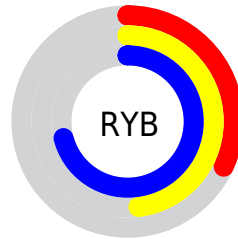
Distribution



Red (32%)

Green (60%)

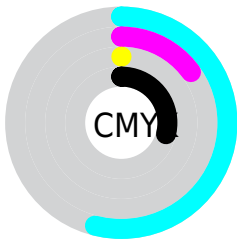
Blue (71%)



Red (32%)

Yellow (48%)

Blue (71%)

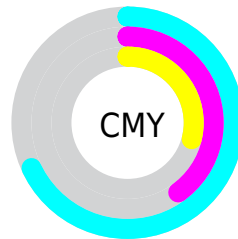


Cyan (54%)

Magenta (15%)

Yellow (0%)

Black (29%)



Cyan (68%)

Magenta (40%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.8490, 22.2594, -46.3486 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 134.8490, 22.2594, -46.3486 by changing the saturation by 10% instead.

■ 134.8490, 22.2594,
-46.3486

■ 134.8490, 22.2594,
-46.3486

■ 255.0000, 0.0000,
0.0000

■ 107.5390, 22.4123,
-48.7077

■ 189.6750, 22.8382,
-45.3190

■ 78.5380, 23.8918,
-56.5998

■ 217.2360, 18.6177,
-44.9340

■ 57.4140, 21.9809,
-50.3521

■ 237.0600, 8.8444,
-36.8866

■ 41.1770, 18.1537,
-36.1122

■ 245.7310, 4.5696,
-19.0581

■ 26.2280, 14.1846,
-23.0020

■ 254.7010, 0.1474,
-0.6148

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,

-0.7998

■ 0.0000, 0.0000,
0.0000

■ 134.8490, 22.2594,
-46.3486

■ 134.8490, 22.2594,
-46.3486

■ 126.5320, 26.3597,
-54.8406

■ 143.1660, 18.1592,
-37.8566

■ 118.2150, 30.4600,
-63.3326

■ 151.4830, 14.0589,
-29.3646

■ 109.8980, 34.5603,
-71.8245

■ 159.8000, 9.9586,
-20.8726

■ 101.5810, 38.6606,
-80.3165

■ 168.1170, 5.8583,
-12.3806

■ 96.8300, 41.0028,
-84.9199

■ 176.4340, 1.7580,
-3.8886

■ 184.7510, -2.3422,
4.6034

■ 193.0680, -6.4425,
13.0954

■ 201.3850,
-10.5428, 21.5874

■ 209.7020,
-14.6431, 30.0793

Harmonies

Analogous

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



132.1660, 14.7082, -51.0116



134.8490, 22.2594, -46.3486



140.6110, 23.3628, -26.8458

Triad

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



134.8490, 22.2594, -46.3486



147.4370, 0.7706, 32.9428



140.4780, -18.4767, -0.4192

Complementary

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



134.8490, 22.2594, -46.3486



127.1510, -22.2594, 46.3486

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.



142.9040, -21.1517, 17.6242



134.8490, 22.2594, -46.3486



146.0110, -9.8654, 37.7014

Square

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



134.8490, 22.2594, -46.3486



147.3950, 11.1443, 18.9476



145.0890, -18.2849, 31.4939



137.9360, -9.8284, -20.9919

Rectangle

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



134.8490, 22.2594, -46.3486



144.1400, 21.1300, -10.6468



145.0890, -18.2849, 31.4939



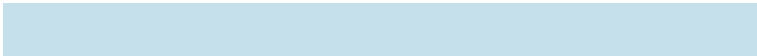
141.4680, -19.9507, 5.7286

Sweetspot

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



134.8490, 22.2594, -46.3486



217.1810, 8.7848, -17.6987



142.4900, -17.0036, -53.0497



106.9000, 4.9793, -10.4363



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



134.8490, 22.2594, -46.3486



164.5990, 34.7077, -72.4393



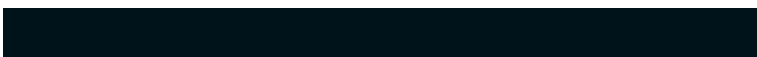
106.6730, 36.1502, -21.6382



85.1350, 1.9054, -4.5034



82.5990, 34.7077, -72.4393



13.5300, 6.1477, -11.8658

Inverse Universe

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



119.3960, 16.5668, 53.1497



140.4010, 25.9313, 82.9633



155.3270, -36.1502, 21.6382



83.4890, 1.7309, 4.8331



58.4010, 25.9313, 82.9633



9.8260, 4.0298, 14.1846

Previews

White Background



This preview shows how the YUV color 134.8490, 22.2594, -46.3486 looks on a white background.

Color Contrast Check

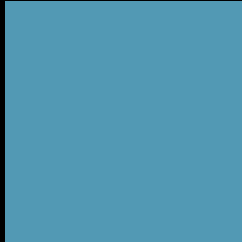
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.8490, 22.2594, -46.3486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

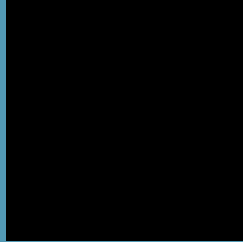
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.8490, 22.2594, -46.3486

Background



This preview shows how black text looks on a background with the YUV color 134.8490, 22.2594, -46.3486.



This preview shows how white text looks on a background with the YUV color 134.8490, 22.2594, -46.3486.

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

134.8490, 22.2594, -46.3486

Protanopia

143.9250, 13.8410, -6.0732

Deuteranopia

144.2930, 19.0826, -7.2730



Tritanopia

133.1600, 17.1761, -49.2523

Trichromacy



Original Color

134.8490, 22.2594, -46.3486

Protanomaly

140.6350, 16.9419, -20.7279

Deuteranomaly

140.5470, 20.4363, -21.5277

Tritanomaly

133.6270, 18.9179, -47.9079

Monochromacy



Original Color

134.8490, 22.2594, -46.3486

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.2520, 7.7638, -16.8840

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.8490, 22.2594, -46.3486 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(82, 153, 180)` looks like.

```
.text, #text, p{  
    color:rgb(82, 153, 180)  
}
```

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(82, 153, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 153, 180) }
```

Border

The CSS property to change the border of an element to YUV 134.8490, 22.2594, -46.3486 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(82, 153, 180) }
```


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

```
.border{ border-color:rgb(82, 153, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 153, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 153, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 153, 180);  
box-shadow:4px 4px 4px 4px rgb(82, 153,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 134.8490, 22.2594, -46.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 153, 180) }
```

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

```
.background{ background-color: rgb(82, 153,  
180) }
```

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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