

Converting Colors

YUV(89.5420, 54.9488,
-31.1703)

Have a look what the booklet for
YUV(89.5420, 54.9488, -31.1703)
contains.

YUV(89.5420, 54.9488, -31.1703)	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(89.5420, 54.9488,
-31.1703)**

Conversions

Conversions Part 1

Format	Color
Hex	3656C9
RGB	54, 86, 201
RGB Percent	21%, 34%, 79%
CMY	0.7882, 0.6627, 0.2118
CMYK	0.73, 0.57, 0.00, 0.21
HSL	227°, 58%, 50%
HSV	227°, 73%, 79%
XYZ	15.3917, 11.6569, 56.6971
YIQ	89.5420, -55.9870, 28.9810

Conversions

Conversions Part 2

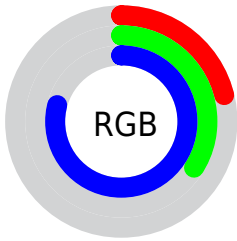
Format	Color
R_{YB}	54, 80, 201
Decimal	3561161
CIE _{Lab}	40.67, 28.29, -63.20
CIE _{LCh}	41, 69.244, 294.110
Yxy	11.6569, 0.1838, 0.1392
Android (android.graphics.Color)	4281751241 (0xFF3656C9)
YUV	89.5420, 54.9488, -31.1703
Hunter-Lab	34.1422, 20.7212, -74.5585

Details

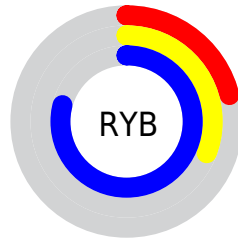
The YUV color **89.5420, 54.9488, -31.1703** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **165.4580, -54.9488, 31.1703**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.1950, 54.6269, -21.2190**, and **41.2980, 51.6181, -36.2183** is the 20% darker color. If you saturate the color by 10%, you get **74.1700, 62.5272, -35.2291**, and if you desaturate by 10%, it is **104.9140, 47.3704, -27.1116**.

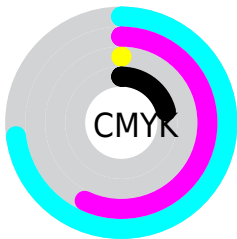
Distribution



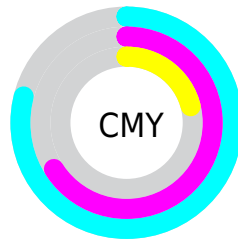
- Red (21%)
- Green (34%)
- Blue (79%)



- Red (21%)
- Yellow (31%)
- Blue (79%)



- Cyan (73%)
- Magenta (57%)
- Yellow (0%)
- Black (21%)



- Cyan (79%)
- Magenta (66%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.5420, 54.9488, -31.1703 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 89.5420, 54.9488, -31.1703 by changing the saturation by 10% instead.

■ 89.5420, 54.9488,
-31.1703

■ 89.5420, 54.9488,
-31.1703

■ 255.0000, 0.0000,
0.0000

■ 56.7030, 57.3344,
-49.7285

■ 144.1950, 54.6269,
-21.2190

■ 41.2980, 51.6181,
-36.2183

■ 168.4270, 42.6805,
-16.1605

■ 27.0670, 45.3230,
-23.7378

■ 193.2460, 30.4447,
-11.6167

■ 10.7160, 41.0590,
-9.3979

■ 218.6520, 17.9196,
-7.5878

■ 12.5620, 27.8239,
-11.0169

■ 244.0580, 5.3944,
-3.5589

■ 7.5920, 18.9351,
-6.6582

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 89.5420, 54.9488,
-31.1703

■ 89.5420, 54.9488,
-31.1703

■ 74.1700, 62.5272,
-35.2291

■ 104.9140, 47.3704,
-27.1116

■ 59.3850, 69.8162,
-39.8026

■ 119.6990, 40.0814,
-22.5380

■ 48.7420, 75.0632,
-42.7467

■ 135.0710, 32.5030,
-18.4793

■ 150.4430, 24.9246,
-14.4205

■ 166.1140, 17.1988,
-9.7470

■ 180.8990, 9.9098,
-5.1734

■ 196.2710, 2.3314,
-1.1147

■ 211.6430, -5.2470,
2.9441

■ 227.0150,
-12.8254, 7.0028

Harmonies

Analogous

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



86.7490, 60.7627, -76.0789



89.5420, 54.9488, -31.1703



94.2550, 33.8913, 49.7654

Triad

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



89.5420, 54.9488, -31.1703



86.3270, -42.5592, 70.7502



79.3150, 1.8167, -69.5593

Complementary

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



89.5420, 54.9488, -31.1703



165.4580, -54.9488, 31.1703

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.



69.5570, -25.4176, -61.0015



89.5420, 54.9488, -31.1703



90.8030, -44.7659, 31.7448

Square

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



89.5420, 54.9488, -31.1703



74.1190, -9.9187, 101.6276



84.0490, -41.4362, -9.6900



86.5140, 26.8616, -75.8728

Rectangle

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



89.5420, 54.9488, -31.1703



79.2660, 24.0259, 87.4667



84.0490, -41.4362, -9.6900



76.3340, -7.0667, -66.9449

Sweetspot

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



89.5420, 54.9488, -31.1703



212.4280, 20.9880, -11.7764



153.1710, 6.8177, -86.9730



102.5720, 12.5360, -7.5176



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.



89.5420, 54.9488, -31.1703



84.7120, 83.9520, -47.1054



82.4190, 58.4604, 9.2795



92.2000, 3.3524, -1.9294



39.7140, 60.7800, -34.8292



8.8000, 13.4096, -7.7176

Inverse Universe

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



101.6010, -7.6913, 87.1729



103.4480, -12.0529, 132.9111



172.5810, -58.4604, -9.2795



92.9190, -0.4531, 5.3330



52.8410, -8.3026, 96.6094



11.6760, -1.8123, 21.3321

Previews

White Background



This preview shows how the YUV color 89.5420, 54.9488, -31.1703 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 89.5420, 54.9488, -31.1703 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 89.5420, 54.9488, -31.1703

Background



This preview shows how black text looks on a background with the YUV color 89.5420, 54.9488, -31.1703.



This preview shows how white text looks on a background with the YUV color 89.5420, 54.9488, -31.1703.

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

89.5420, 54.9488, -31.1703

Protanopia

76.2340, 58.5516, -66.8572

Deuteranopia

76.6780, 45.0217, -67.2466



Tritanopia

75.1040, 18.6827, -65.8662

Trichromacy



Original Color

89.5420, 54.9488, -31.1703

Protanomaly

81.2680, 57.0559, -53.7320

Deuteranomaly

81.6780, 48.4727, -54.0916

Tritanomaly

80.6230, 31.7379, -53.1664

Monochromacy



Original Color

89.5420, 54.9488, -31.1703

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.0860, 19.6776, -11.4764

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.5420, 54.9488, -31.1703 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(54, 86, 201)` looks like.

```
.text, #text, p{  
    color:rgb(54, 86, 201)  
}
```

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(54, 86, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 86, 201) }
```

Border

The CSS property to change the border of an element to YUV 89.5420, 54.9488, -31.1703 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(54, 86, 201) }
```


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

```
.border{ border-color:rgb(54, 86, 201) }
```

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

Here you see how a box with a 4 pixel rgb(54, 86, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 86, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 86, 201);  
box-shadow:4px 4px 4px 4px rgb(54, 86,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 89.5420, 54.9488, -31.1703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 86, 201) }
```

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

```
.background{ background-color: rgb(54, 86,  
201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor