

Converting Colors

YUV(67.0200, 49.7831,
-54.3915)

Have a look what the booklet for
YUV(67.0200, 49.7831, -54.3915)
contains.

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Color

**YUV(67.0200, 49.7831,
-54.3915)**

Conversions

Conversions Part 1

Format	Color
Hex	054FA8
RGB	5, 79, 168
RGB Percent	2%, 31%, 66%
CMY	0.9804, 0.6902, 0.3412
CMYK	0.97, 0.53, 0.00, 0.34
HSL	213°, 94%, 34%
HSV	213°, 97%, 66%
XYZ	9.9265, 8.4514, 38.1539
YIQ	67.0200, -72.6730, 11.9910

Conversions

Conversions Part 2

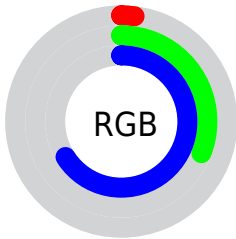
Format	Color
RYB	5, 56, 168
Decimal	348072
CIELab	34.91, 16.04, -53.23
CIELCh	35, 55.597, 286.770
Yxy	8.4514, 0.1756, 0.1495
Android (android.graphics.Color)	4278538152 (0xFF054FA8)
YUV	67.0200, 49.7831, -54.3915
Hunter-Lab	29.0713, 10.0745, -57.4639

Details

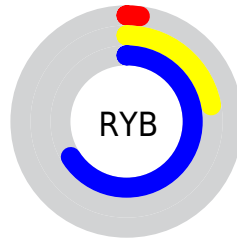
The YUV color **67.0200, 49.7831, -54.3915** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **105.9800, -49.7831, 54.3915**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.9950, 47.8235, -32.4446**, and **34.2420, 39.8137, -30.0302** is the 20% darker color. If you saturate the color by 10%, you get **63.7640, 51.3883, -55.9210**, and if you desaturate by 10%, it is **77.3860, 44.6727, -48.5735**.

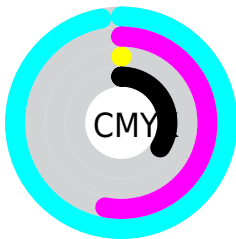
Distribution



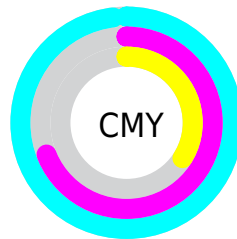
- Red (2%)
- Green (31%)
- Blue (66%)



- Red (2%)
- Yellow (22%)
- Blue (66%)



- Cyan (97%)
- Magenta (53%)
- Yellow (0%)
- Black (34%)



- Cyan (98%)
- Magenta (69%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.0200, 49.7831, -54.3915 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 67.0200, 49.7831, -54.3915 by changing the saturation by 10% instead.

■ 67.0200, 49.7831,
-54.3915

■ 67.0200, 49.7831,
-54.3915

■ 255.0000, 0.0000,
0.0000

■ 49.5330, 45.0932,
-43.4404

■ 126.9950, 47.8235,
-32.4446

■ 34.2420, 39.8137,
-30.0302

■ 154.5330, 48.5442,
-30.2854

■ 20.2390, 34.3922,
-17.7496

■ 179.5800, 37.1821,
-25.9417

■ 11.6330, 26.8029,
-10.2021

■ 204.1000, 25.0937,
-22.0127

■ 6.6630, 17.9141,
-5.8435

■ 229.5060, 12.5685,
-17.9838

■ 2.9810, 8.8834,
-2.6143

■ 250.2160, 2.3585,

■ 0.0000, 0.0000,

-9.8364

0.0000

■ 67.0200, 49.7831,
-54.3915

■ 67.0200, 49.7831,
-54.3915

■ 63.7640, 51.3883,
-55.9210

■ 77.3860, 44.6727,
-48.5735

■ 87.7520, 39.5623,
-42.7555

■ 98.4060, 34.3098,
-38.0671

■ 108.7720, 29.1994,
-32.2490

■ 119.1380, 24.0890,
-26.4310

■ 129.5040, 18.9785,
-20.6130

■ 139.8700, 13.8681,
-14.7950

■ 149.9370, 8.9051,
-9.5917

■ 160.8900, 3.5052,
-4.2885

Harmonies

Analogous

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



73.8570, 46.9055, -64.7726



67.0200, 49.7831, -54.3915



83.9610, 29.5992, 26.3442

Triad

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



67.0200, 49.7831, -54.3915



75.1160, -29.1442, 61.2883



65.5400, -2.7312, -57.4786

Complementary

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



67.0200, 49.7831, -54.3915



105.9800, -49.7831, 54.3915

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.



60.0690, -25.1770, -44.7875



67.0200, 49.7831, -54.3915



77.5350, -38.2248, 33.7338

Square

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



67.0200, 49.7831, -54.3915



70.7030, -5.7696, 77.4365



74.6790, -36.8167, 2.0355



71.4850, 17.5089, -62.6923

Rectangle

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



67.0200, 49.7831, -54.3915



78.5040, 19.4715, 54.8090



74.6790, -36.8167, 2.0355



63.2430, -8.9938, -55.4641

Sweetspot

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



67.0200, 49.7831, -54.3915



180.2050, 19.1259, -21.2278



110.5990, -9.1693, -92.6103



86.0120, 11.8261, -13.1655



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



67.0200, 49.7831, -54.3915



83.6660, 66.7197, -73.3751



25.0770, 70.4610, -13.2225



79.2600, 2.3368, -2.8590



56.2010, 45.2569, -49.2883



7.5630, 6.1314, -6.6328

Inverse Universe

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



62.1730, 8.2957, 92.8103



76.8810, 11.3977, 124.6384



147.9230, -70.4610, 13.2225



78.8480, 0.5679, 4.5183



51.8900, 7.4492, 84.2885



7.0060, 0.9830, 11.3957

Previews

White Background



This preview shows how the YUV color 67.0200, 49.7831, -54.3915 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 ✓ Pass

Black Background



This preview shows how the YUV color 67.0200, 49.7831, -54.3915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

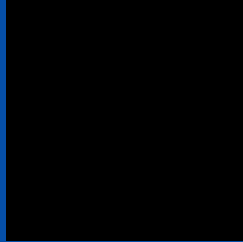
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.0200, 49.7831, -54.3915

Background



This preview shows how black text looks on a background with the YUV color 67.0200, 49.7831, -54.3915.



This preview shows how white text looks on a background with the YUV color 67.0200, 49.7831,

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

67.0200, 49.7831, -54.3915

Protanopia

67.6180, 49.4883, -53.1620

Deuteranopia

65.8380, 39.0269, -57.7399



Tritanopia

64.4750, 16.0348, -56.5446

Trichromacy



Original Color

67.0200, 49.7831, -54.3915

Protanomaly

67.3190, 49.6357, -53.7768

Deuteranomaly

66.1740, 42.8052, -56.2806

Tritanomaly

65.6890, 28.2543, -55.8553

Monochromacy



Original Color

67.0200, 49.7831, -54.3915

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.6890, 18.3943, -19.8983

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.0200, 49.7831, -54.3915 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(5, 79, 168)` looks like.

```
.text, #text, p{  
    color:rgb(5, 79, 168)  
}
```

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(5, 79, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 79, 168) }
```

Border

The CSS property to change the border of an element to YUV 67.0200, 49.7831, -54.3915 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(5, 79, 168) }
```


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

```
.border{ border-color:rgb(5, 79, 168) }
```

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

Here you see how a box with a 4 pixel rgb(5, 79, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 79, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 79, 168);  
box-shadow:4px 4px 4px 4px rgb(5, 79, 168)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.0200, 49.7831, -54.3915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 79, 168) }
```

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

```
.background{ background-color: rgb(5, 79,  
168) }
```

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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