

Converting Colors

YUV(56.2040, 54.1294,
-48.4139)

Have a look what the booklet for
YUV(56.2040, 54.1294, -48.4139)
contains.

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Color

**YUV(56.2040, 54.1294,
-48.4139)**

Conversions

Conversions Part 1

Format	Color
Hex	013FA6
RGB	1, 63, 166
RGB Percent	0%, 25%, 65%
CMY	0.9961, 0.7529, 0.3490
CMYK	0.99, 0.62, 0.00, 0.35
HSL	217°, 99%, 33%
HSV	217°, 99%, 65%
XYZ	8.6730, 6.3146, 36.8381
YIQ	56.2040, -70.0150, 18.8890

Conversions

Conversions Part 2

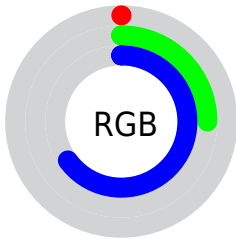
Format	Color
R _Y B	1, 46, 166
Decimal	81830
CIE Lab	30.19, 26.00, -59.72
CIE LCh	30, 65.131, 293.523
Yxy	6.3146, 0.1673, 0.1218
Android (android.graphics.Color)	4278271910 (0xFF013FA6)
YUV	56.2040, 54.1294, -48.4139
Hunter-Lab	25.1289, 17.6315, -69.3267

Details

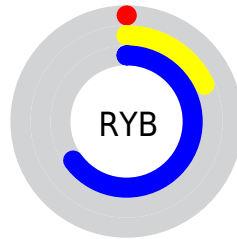
The YUV color **56.2040, 54.1294, -48.4139** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **110.7960, -54.1294, 48.4139**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.7880, 51.8695, -23.4931**, and **26.3830, 42.7022, -23.1379** is the 20% darker color. If you saturate the color by 10%, you get **55.3180, 54.5662, -48.5139**, and if you desaturate by 10%, it is **67.1570, 48.7296, -43.1107**.

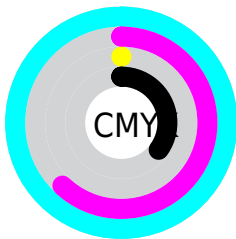
Distribution



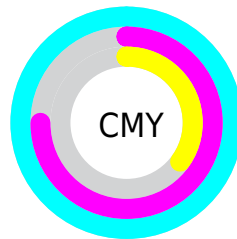
- Red (0%)
- Green (25%)
- Blue (65%)



- Red (0%)
- Yellow (18%)
- Blue (65%)



- Cyan (99%)
- Magenta (62%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (75%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.2040, 54.1294, -48.4139 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 56.2040, 54.1294, -48.4139 by changing the saturation by 10% instead.

■ 56.2040, 54.1294,
-48.4139

■ 56.2040, 54.1294,
-48.4139

■ 255.0000, 0.0000,
0.0000

■ 40.5000, 48.5605,
-35.5185

■ 116.7880, 51.8695,
-23.4931

■ 26.3830, 42.7022,
-23.1379

■ 143.7390, 52.8797,
-20.8191

■ 10.0320, 38.4382,
-8.7981

■ 168.4270, 42.6805,
-16.1605

■ 10.7040, 25.7819,
-9.3874

■ 192.9470, 30.5921,
-12.2315

■ 6.3210, 16.6037,
-5.5435

■ 218.3530, 18.0670,
-8.2026

■ 2.6390, 7.5730,
-2.3144

■ 243.7590, 5.5418,

■ 0.0000, 0.0000,

-4.1736

0.0000

■ 56.2040, 54.1294,
-48.4139

■ 56.2040, 54.1294,
-48.4139

■ 55.3180, 54.5662,
-48.5139

■ 67.1570, 48.7296,
-43.1107

■ 78.3980, 43.1878,
-38.9370

■ 89.3510, 37.7880,
-33.6338

■ 100.0050, 32.5355,
-28.9454

■ 111.5450, 26.8463,
-24.1570

■ 122.4980, 21.4465,
-18.8537

■ 133.7390, 15.9047,
-14.6801

■ 144.6920, 10.5048,
-9.3769

■ 155.3460, 5.2524,
-4.6884

Harmonies

Analogous

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



67.9700, 52.2728, -59.6097



56.2040, 54.1294, -48.4139



66.1790, 32.4498, 45.4470

Triad

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



56.2040, 54.1294, -48.4139



62.0730, -30.6020, 62.2030



59.4420, -0.7109, -52.1306

Complementary

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



56.2040, 54.1294, -48.4139



110.7960, -54.1294, 48.4139

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.



51.0690, -25.1770, -44.7875



56.2040, 54.1294, -48.4139



67.1580, -33.1089, 26.1714

Square

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



56.2040, 54.1294, -48.4139



49.7370, -7.2653, 90.5617



61.6110, -30.3742, -11.0598



66.0710, 22.1500, -57.9443

Rectangle

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



56.2040, 54.1294, -48.4139



54.5700, 22.8900, 78.4301



61.6110, -30.3742, -11.0598



56.8030, -8.2839, -49.8162

Sweetspot

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



56.2040, 54.1294, -48.4139



173.4980, 21.4465, -18.8537



109.4830, -3.1961, -95.1396



83.3650, 13.1311, -11.7211



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.



56.2040, 54.1294, -48.4139



72.2850, 71.3445, -63.3939



25.4910, 69.2709, -4.8156



78.6730, 2.6262, -2.3442



49.7440, 48.4402, -43.6255



6.9760, 6.4208, -6.1180

Inverse Universe

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



57.4030, 2.7593, 95.2396



74.1170, 3.3933, 125.3084



141.5090, -69.2709, 4.8156



78.7340, 0.1311, 4.6183



50.6360, 2.6445, 85.3882



6.8920, 0.5462, 11.4957

Previews

White Background



This preview shows how the YUV color 56.2040, 54.1294, -48.4139 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 56.2040, 54.1294, -48.4139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

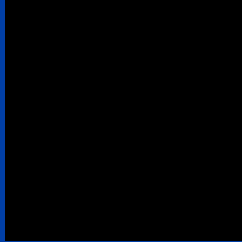
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.2040, 54.1294, -48.4139

Background



This preview shows how black text looks on a background with the YUV color 56.2040, 54.1294, -48.4139.



This preview shows how white text looks on a background with the YUV color 56.2040, 54.1294, -48.4139.

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

56.2040, 54.1294, -48.4139

Protanopia

57.1470, 43.8045, -50.1179

Deuteranopia

57.1010, 33.4742, -50.0776



Tritanopia

55.9490, 13.8291, -49.0673

Trichromacy



Original Color

56.2040, 54.1294, -48.4139

Protanomaly

56.7710, 47.4409, -49.7882

Deuteranomaly

56.4630, 41.1837, -49.5181

Tritanomaly

55.8470, 28.6694, -48.9778

Monochromacy



Original Color

56.2040, 54.1294, -48.4139

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.3410, 19.5519, -17.8391

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.2040, 54.1294, -48.4139 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(1, 63, 166)` looks like.

```
.text, #text, p{  
    color:rgb(1, 63, 166)  
}
```

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(1, 63, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 63, 166) }
```

Border

The CSS property to change the border of an element to YUV 56.2040, 54.1294, -48.4139 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(1, 63, 166) }
```


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

```
.border{ border-color:rgb(1, 63, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 63, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 63, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 63, 166);  
box-shadow:4px 4px 4px 4px rgb(1, 63, 166)  
}
```

Background

The CSS property to change the background color of an element to YUV 56.2040, 54.1294, -48.4139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 63, 166) }
```

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

```
.background{ background-color: rgb(1, 63,  
166) }
```

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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