

Converting Colors

YUV(93.3960, 46.1468,
-54.7213)

Have a look what the booklet for
YUV(93.3960, 46.1468, -54.7213)
contains.

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Color

**YUV(93.3960, 46.1468,
-54.7213)**

Conversions

Conversions Part 1

Format	Color
Hex	1F6BBB
RGB	31, 107, 187
RGB Percent	12%, 42%, 73%
CMY	0.8784, 0.5804, 0.2667
CMYK	0.83, 0.43, 0.00, 0.27
HSL	211°, 72%, 43%
HSV	211°, 83%, 73%
XYZ	14.7924, 14.3946, 49.0125
YIQ	93.3960, -70.9760, 8.7680

Conversions

Conversions Part 2

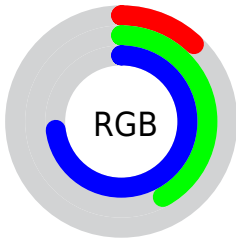
Format	Color
R_{YB}	31, 82, 187
Decimal	2059195
CIE _{Lab}	44.79, 6.91, -48.46
CIE _{LCh}	45, 48.951, 278.113
Yxy	14.3946, 0.1892, 0.1841
Android (android.graphics.Color)	4280249275 (0xFF1F6BBB)
YUV	93.3960, 46.1468, -54.7213
Hunter-Lab	37.9402, 3.1997, -50.0349

Details

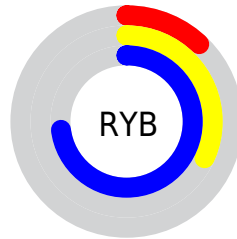
The YUV color **93.3960, 46.1468, -54.7213** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **124.6040, -46.1468, 54.7213**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.3590, 45.6720, -42.4108**, and **50.9690, 40.4413, -44.6998** is the 20% darker color. If you saturate the color by 10%, you get **81.8450, 51.8414, -61.2541**, and if you desaturate by 10%, it is **104.9470, 40.4521, -48.1885**.

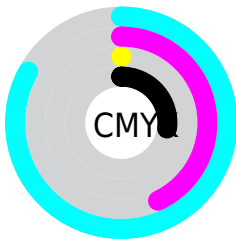
Distribution



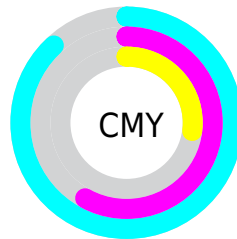
- Red (12%)
- Green (42%)
- Blue (73%)



- Red (12%)
- Yellow (32%)
- Blue (73%)



- Cyan (83%)
- Magenta (43%)
- Yellow (0%)
- Black (27%)



- Cyan (88%)
- Magenta (58%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.3960, 46.1468, -54.7213 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 93.3960, 46.1468, -54.7213 by changing the saturation by 10% instead.

■ 93.3960, 46.1468,
-54.7213

■ 93.3960, 46.1468,
-54.7213

■ 255.0000, 0.0000,
0.0000

■ 66.9610, 45.8682,
-58.7248

■ 151.3590, 45.6720,
-42.4108

■ 50.9690, 40.4413,
-44.6998

■ 177.4320, 38.2410,
-38.9669

■ 35.6780, 35.1617,
-31.2896

■ 202.2510, 26.0053,
-34.4231

■ 21.2020, 30.4664,
-18.5942

■ 227.6570, 13.4801,
-30.3942

■ 10.2480, 24.0347,
-8.9875

■ 245.4320, 4.7170,
-19.6729

■ 5.2780, 15.1459,
-4.6288

■ 254.4020, 0.2948,

■ 1.3680, 5.2416,

-1.2296

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 93.3960, 46.1468,
-54.7213

■ 93.3960, 46.1468,
-54.7213

■ 81.8450, 51.8414,
-61.2541

■ 104.9470, 40.4521,
-48.1885

■ 74.7350, 55.3466,
-65.5426

■ 115.6120, 35.1943,
-41.7557

■ 127.1630, 29.4996,
-35.2230

■ 138.1270, 24.0944,
-28.1754

■ 149.6780, 18.3997,
-21.6426

■ 160.9300, 12.8525,
-15.7246

■ 171.8940, 7.4473,
-8.6770

■ 183.4450, 1.7526,
-2.1443

■ 194.1100, -3.5052,
4.2885

Harmonies

Analogous

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



89.9000, 44.9123, -78.8423



93.3960, 46.1468, -54.7213



108.8020, 30.6636, 11.5746

Triad

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



93.3960, 46.1468, -54.7213



102.9510, -22.1608, 61.4330



80.6370, -3.2720, -70.7186

Complementary

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



93.3960, 46.1468, -54.7213



124.6040, -46.1468, 54.7213

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.



95.1970, -29.1841, -19.4668



93.3960, 46.1468, -54.7213



102.4050, -37.6677, 41.7408

Square

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



93.3960, 46.1468, -54.7213



103.3210, -3.1163, 66.3705



99.3340, -43.5487, 14.6161



86.5990, 14.4947, -75.9473

Rectangle

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



93.3960, 46.1468, -54.7213



108.6330, 20.3939, 38.9099



99.3340, -43.5487, 14.6161



85.7440, -12.1988, -54.1495

Sweetspot

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



93.3960, 46.1468, -54.7213



205.8630, 17.8155, -20.9279



131.4640, -11.0748, -88.1069



100.6700, 10.5157, -12.8656



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



93.3960, 46.1468, -54.7213



96.8540, 71.5570, -84.9410



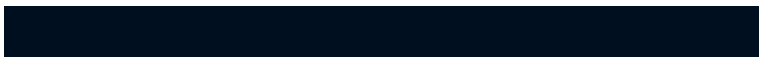
48.7840, 68.1405, -15.5966



88.9610, 2.4842, -3.4738



63.2110, 46.7310, -55.4360



12.3390, 9.1999, -10.8213

Inverse Universe

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



86.3080, 10.2012, 88.3069



85.8100, 15.8697, 136.9786



169.2160, -68.1405, 15.5966



88.2610, 0.8573, 5.0331



56.0200, 10.3431, 89.4365



10.9790, 1.9824, 17.5584

Previews

White Background



This preview shows how the YUV color 93.3960, 46.1468, -54.7213 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 93.3960, 46.1468, -54.7213 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 93.3960, 46.1468, -54.7213

Background



This preview shows how black text looks on a background with the YUV color 93.3960, 46.1468, -54.7213.



This preview shows how white text looks on a background with the YUV color 93.3960, 46.1468,

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

93.3960, 46.1468, -54.7213

Protanopia

102.2530, 39.8083, -28.2859

Deuteranopia

93.3960, 46.1468, -54.7213



Tritanopia

82.9290, 20.7410, -72.7287

Trichromacy



Original Color

93.3960, 46.1468, -54.7213

Protanomaly

98.7680, 42.0194, -37.5075

Deuteranomaly

93.3960, 46.1468, -54.7213

Tritanomaly

86.4920, 30.3234, -66.2065

Monochromacy



Original Color

93.3960, 46.1468, -54.7213

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.9340, 16.7945, -20.1131

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.3960, 46.1468, -54.7213 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(31, 107, 187)` looks like.

```
.text, #text, p{  
    color:rgb(31, 107, 187)  
}
```

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(31, 107, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 107, 187) }
```

Border

The CSS property to change the border of an element to YUV 93.3960, 46.1468, -54.7213 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(31, 107, 187) }
```


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

```
.border{ border-color:rgb(31, 107, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 107, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 107, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 107, 187);  
box-shadow:4px 4px 4px 4px rgb(31, 107,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 93.3960, 46.1468, -54.7213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 107, 187) }
```

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

```
.background{ background-color: rgb(31, 107,  
187) }
```

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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