

Converting Colors

YUV(76.8100, 44.9567,
-46.3144)

Have a look what the booklet for
YUV(76.8100, 44.9567, -46.3144)
contains.

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Color

**YUV(76.8100, 44.9567,
-46.3144)**

Conversions

Conversions Part 1

Format	Color
Hex	1856A8
RGB	24, 86, 168
RGB Percent	9%, 34%, 66%
CMY	0.9059, 0.6627, 0.3412
CMYK	0.86, 0.49, 0.00, 0.34
HSL	214°, 75%, 38%
HSV	214°, 86%, 66%
XYZ	10.7724, 9.6769, 38.3459
YIQ	76.8100, -63.2740, 12.3580

Conversions

Conversions Part 2

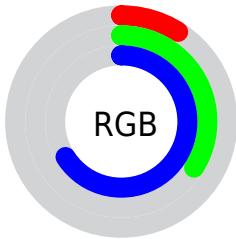
Format	Color
R_{YB}	24, 67, 168
Decimal	1595048
CIE _{Lab}	37.26, 12.42, -49.42
CIE _{LCh}	37, 50.952, 284.105
Yxy	9.6769, 0.1832, 0.1646
Android (android.graphics.Color)	4279785128 (0xFF1856A8)
YUV	76.8100, 44.9567, -46.3144
Hunter-Lab	31.1077, 7.3745, -51.3101

Details

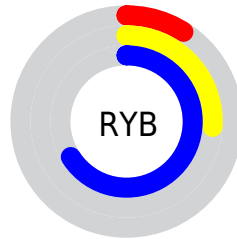
The YUV color **76.8100, 44.9567, -46.3144** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **115.1900, -44.9567, 46.3144**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1860, 44.7713, -33.4891**, and **37.7640, 38.0773, -33.1190** is the 20% darker color. If you saturate the color by 10%, you get **65.8570, 50.3565, -51.6176**, and if you desaturate by 10%, it is **87.7630, 39.5568, -41.0112**.

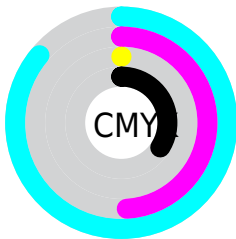
Distribution



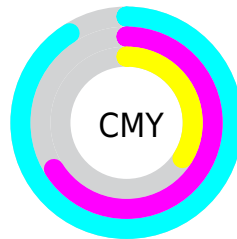
- Red (9%)
- Green (34%)
- Blue (66%)



- Red (9%)
- Yellow (26%)
- Blue (66%)



- Cyan (86%)
- Magenta (49%)
- Yellow (0%)
- Black (34%)



- Cyan (91%)
- Magenta (66%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.8100, 44.9567, -46.3144 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 76.8100, 44.9567, -46.3144 by changing the saturation by 10% instead.

■ 76.8100, 44.9567,
-46.3144

■ 76.8100, 44.9567,
-46.3144

■ 255.0000, 0.0000,
0.0000

■ 53.0550, 43.3569,
-46.5292

■ 133.1860, 44.7713,
-33.4891

■ 37.7640, 38.0773,
-33.1190

■ 160.7240, 45.4921,
-31.3299

■ 23.7610, 32.6558,
-20.8384

■ 185.4720, 34.2773,
-27.6009

■ 11.6330, 26.8029,
-10.2021

■ 210.8780, 21.7521,
-23.5720

■ 6.6630, 17.9141,
-5.8435

■ 235.9850, 9.3744,
-20.1578

■ 2.9810, 8.8834,
-2.6143

■ 251.4120, 1.7689,

■ 0.0000, 0.0000,

-7.3773

0.0000

■ 76.8100, 44.9567,
-46.3144

■ 76.8100, 44.9567,
-46.3144

■ 65.8570, 50.3565,
-51.6176

■ 87.7630, 39.5568,
-41.0112

■ 61.4160, 52.5459,
-53.8618

■ 98.1290, 34.4464,
-35.1931

■ 108.7830, 29.1940,
-30.5047

■ 119.1490, 24.0835,
-24.6867

■ 130.1020, 18.6837,
-19.3835

■ 140.4680, 13.5733,
-13.5654

■ 151.4210, 8.1734,
-8.2622

■ 162.0750, 2.9210,
-3.5738

■ 172.4410, -2.1894,
2.2442

Harmonies

Analogous

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



77.1510, 44.2956, -67.6614



76.8100, 44.9567, -46.3144



89.8740, 28.1631, 20.2815

Triad

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



76.8100, 44.9567, -46.3144



83.0170, -25.6444, 58.7441



68.9310, -2.4310, -60.4525

Complementary

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



76.8100, 44.9567, -46.3144



115.1900, -44.9567, 46.3144

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.



72.7550, -25.5152, -29.6031



76.8100, 44.9567, -46.3144



82.8620, -40.8510, 36.0780

Square

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



76.8100, 44.9567, -46.3144



81.0610, -5.4531, 69.2295



80.3160, -39.5958, 6.7389



74.4200, 16.0619, -65.2663

Rectangle

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



76.8100, 44.9567, -46.3144



87.4060, 18.0408, 47.0019



80.3160, -39.5958, 6.7389



66.7480, -8.2568, -58.5380

Sweetspot

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



76.8100, 44.9567, -46.3144



183.1730, 17.6627, -18.5687



117.8760, -5.8549, -82.3293



88.0940, 10.7997, -10.6064



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.



76.8100, 44.9567, -46.3144



80.1440, 68.4560, -70.2863



43.4060, 61.4248, -8.2491



78.6730, 2.6262, -2.3442



54.4400, 46.1251, -47.7439



7.5630, 6.1314, -6.6328

Inverse Universe

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



74.1240, 5.8549, 82.3293



76.1970, 8.7769, 125.2382



148.5940, -61.4248, 8.2491



78.7340, 0.1311, 4.6183



51.5480, 6.1388, 84.5884



7.0060, 0.9830, 11.3957

Previews

White Background



This preview shows how the YUV color 76.8100, 44.9567, -46.3144 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 76.8100, 44.9567, -46.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

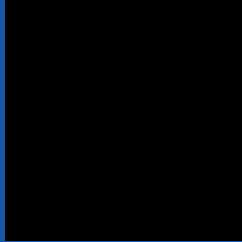
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.8100, 44.9567, -46.3144

Background



This preview shows how black text looks on a background with the YUV color 76.8100, 44.9567, -46.3144.



This preview shows how white text looks on a background with the YUV color 76.8100, 44.9567,

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

76.8100, 44.9567, -46.3144

Protanopia

81.1920, 42.3033, -35.2484

Deuteranopia

70.0270, 42.3847, -61.4137



Tritanopia

68.7950, 17.3561, -60.3332

Trichromacy



Original Color

76.8100, 44.9567, -46.3144

Protanomaly

79.3980, 43.1878, -38.9370

Deuteranomaly

72.5870, 43.0946, -55.7658

Tritanomaly

71.7600, 27.2333, -55.0405

Monochromacy



Original Color

76.8100, 44.9567, -46.3144

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.8420, 16.3469, -16.5244

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.8100, 44.9567, -46.3144 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(24, 86, 168)` looks like.

```
.text, #text, p{  
    color:rgb(24, 86, 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(24, 86, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 86, 168) }
```

Border

The CSS property to change the border of an element to YUV 76.8100, 44.9567, -46.3144 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(24, 86, 168) }
```


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

```
.border{ border-color:rgb(24, 86, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 86, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 86, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 86, 168);  
box-shadow:4px 4px 4px 4px rgb(24, 86,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 76.8100, 44.9567, -46.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 86, 168) }
```

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

```
.background{ background-color: rgb(24, 86,  
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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