

Converting Colors

YUV(70.8580, 45.4260,
-56.8805)

Have a look what the booklet for
YUV(70.8580, 45.4260, -56.8805)
contains.

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Color

**YUV(70.8580, 45.4260,
-56.8805)**

Conversions

Conversions Part 1

Format	Color
Hex	0656A3
RGB	6, 86, 163
RGB Percent	2%, 34%, 64%
CMY	0.9765, 0.6627, 0.3608
CMYK	0.96, 0.47, 0.00, 0.36
HSL	209°, 93%, 33%
HSV	209°, 96%, 64%
XYZ	10.0138, 9.3386, 35.9251
YIQ	70.8580, -72.3970, 6.9870

Conversions

Conversions Part 2

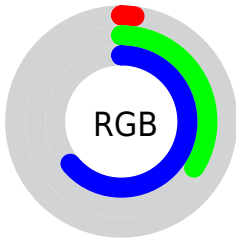
Format	Color
R _Y B	6, 59, 163
Decimal	415395
CIE Lab	36.63, 9.30, -47.46
CIE LCh	37, 48.365, 281.092
Yxy	9.3386, 0.1812, 0.1689
Android (android.graphics.Color)	4278605475 (0xFF0656A3)
YUV	70.8580, 45.4260, -56.8805
Hunter-Lab	30.5592, 5.0130, -48.3093

Details

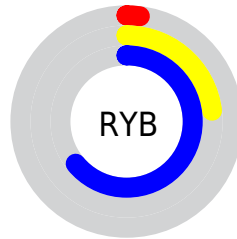
The YUV color **70.8580, 45.4260, -56.8805** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **98.1420, -45.4260, 56.8805**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.5230, 43.6192, -37.2927**, and **37.1940, 35.8934, -32.6191** is the 20% darker color. If you saturate the color by 10%, you get **67.3030, 47.1786, -59.0247**, and if you desaturate by 10%, it is **80.3380, 40.7524, -51.1624**.

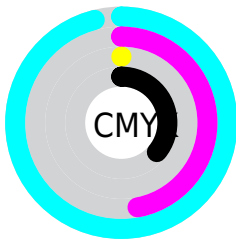
Distribution



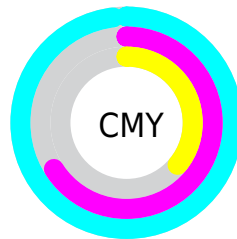
- Red (2%)
- Green (34%)
- Blue (64%)



- Red (2%)
- Yellow (23%)
- Blue (64%)



- Cyan (96%)
- Magenta (47%)
- Yellow (0%)
- Black (36%)



- Cyan (98%)
- Magenta (66%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.8580, 45.4260, -56.8805 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 70.8580, 45.4260, -56.8805 by changing the saturation by 10% instead.

■ 70.8580, 45.4260,
-56.8805

■ 70.8580, 45.4260,
-56.8805

■ 255.0000, 0.0000,
0.0000

■ 52.4850, 41.1729,
-46.0293

■ 130.5230, 43.6192,
-37.2927

■ 37.1940, 35.8934,
-32.6191

■ 157.9470, 43.9031,
-35.0335

■ 23.3050, 30.9086,
-20.4385

■ 183.6780, 35.1617,
-31.2896

■ 10.5900, 25.3451,
-9.2874

■ 208.7850, 22.7840,
-27.8754

■ 6.2070, 16.1669,
-5.4435

■ 233.8920, 10.4062,
-24.4613

■ 2.4110, 6.6994,
-2.1144

■ 249.3190, 2.8007,

■ 0.0000, 0.0000,

-11.6808

0.0000

■ 70.8580, 45.4260,
-56.8805

■ 70.8580, 45.4260,
-56.8805

■ 67.3030, 47.1786,
-59.0247

■ 80.3380, 40.7524,
-51.1624

■ 90.1170, 35.9313,
-44.8296

■ 99.5970, 31.2577,
-39.1116

■ 109.0770, 26.5840,
-33.3935

■ 118.8560, 21.7630,
-27.0607

■ 128.3360, 17.0894,
-21.3427

■ 137.8160, 12.4157,
-15.6246

■ 147.2960, 7.7421,
-9.9066

■ 157.0750, 2.9210,
-3.5738

Harmonies

Analogous

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



75.1790, 41.8168, -65.9320



70.8580, 45.4260, -56.8805



88.7270, 27.7426, 15.1484

Triad

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



70.8580, 45.4260, -56.8805



82.2170, -22.2920, 56.8147



66.6000, -3.7468, -58.4082

Complementary

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



70.8580, 45.4260, -56.8805



98.1420, -45.4260, 56.8805

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.



73.8590, -26.5525, -23.5553



70.8580, 45.4260, -56.8805



81.1010, -39.9828, 37.6224

Square

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



70.8580, 45.4260, -56.8805



81.0820, -3.9844, 64.8261



79.4520, -39.1698, 10.1276



72.4480, 13.5831, -63.5369

Rectangle

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



70.8580, 45.4260, -56.8805



86.7750, 18.3519, 40.5393



79.4520, -39.1698, 10.1276



64.5310, -9.1358, -56.5937

Sweetspot

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



70.8580, 45.4260, -56.8805



175.8520, 17.8210, -22.6722



106.8230, -12.2377, -88.4218



85.3710, 10.6631, -13.4804



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



70.8580, 45.4260, -56.8805



87.5640, 61.3469, -76.7936



25.6590, 67.7091, -17.2409



76.9610, 2.4842, -3.4738



59.9680, 41.9208, -52.5919



7.3350, 5.2578, -6.4328

Inverse Universe

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



62.0630, 11.8009, 88.5217



75.7000, 15.9239, 119.5351



143.3410, -67.7091, 17.2409



76.2610, 0.8573, 5.0331



51.7910, 10.9490, 81.7443



6.4080, 1.2779, 10.1662

Previews

White Background



This preview shows how the YUV color 70.8580, 45.4260, -56.8805 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 70.8580, 45.4260, -56.8805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

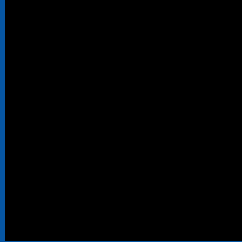
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.8580, 45.4260, -56.8805

Background



This preview shows how black text looks on a background with the YUV color 70.8580, 45.4260, -56.8805.



This preview shows how white text looks on a background with the YUV color 70.8580, 45.4260,

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

70.8580, 45.4260, -56.8805

Protanopia

81.3020, 38.7981, -30.9599

Deuteranopia

69.2120, 41.8005, -60.6989



Tritanopia

67.9800, 16.7719, -59.6185

Trichromacy



Original Color

70.8580, 45.4260, -56.8805

Protanomaly

77.5180, 41.1566, -40.7963

Deuteranomaly

69.5650, 43.1055, -59.2545

Tritanomaly

68.7380, 27.2442, -58.5292

Monochromacy



Original Color

70.8580, 45.4260, -56.8805

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.5210, 16.5051, -20.6279

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.8580, 45.4260, -56.8805 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(6, 86, 163)` looks like.

```
.text, #text, p{  
    color:rgb(6, 86, 163)  
}
```

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(6, 86, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 86, 163) }
```

Border

The CSS property to change the border of an element to YUV 70.8580, 45.4260, -56.8805 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(6, 86, 163) }
```


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

```
.border{ border-color:rgb(6, 86, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 86, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 86, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 86, 163);  
box-shadow:4px 4px 4px 4px rgb(6, 86, 163)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.8580, 45.4260, -56.8805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 86, 163) }
```

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

```
.background{ background-color: rgb(6, 86,  
163) }
```

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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