

Converting Colors

YUV(127.5760, 36.6910,
-8.3982)

Have a look what the booklet for
YUV(127.5760, 36.6910, -8.3982)
contains.

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Color

**YUV(127.5760, 36.6910,
-8.3982)**

Conversions

Conversions Part 1

Format	Color
Hex	7676CA
RGB	118, 118, 202
RGB Percent	46%, 46%, 79%
CMY	0.5373, 0.5373, 0.2078
CMYK	0.42, 0.42, 0.00, 0.21
HSL	240°, 44%, 63%
HSV	240°, 42%, 79%
XYZ	24.6103, 21.0727, 58.6474
YIQ	127.5760, -26.9640, 26.1240

Conversions

Conversions Part 2

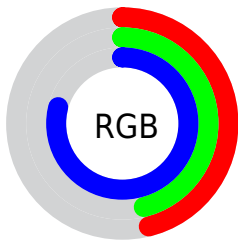
Format	Color
R_{YB}	118, 118, 202
Decimal	7763658
CIE _{Lab}	53.03, 21.15, -43.71
CIE _{LCh}	53, 48.558, 295.817
Yxy	21.0727, 0.2359, 0.2020
Android (android.graphics.Color)	4285953738 (0xFF7676CA)
YUV	127.5760, 36.6910, -8.3982
Hunter-Lab	45.9050, 15.3626, -43.6144

Details

The YUV color **127.5760, 36.6910, -8.3982** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **192.4240, -36.6910, 8.3982**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.5870, 36.6856, -6.6538**, and **76.6850, 34.6653, -12.0017** is the 20% darker color. If you saturate the color by 10%, you get **109.8560, 45.4270, -10.3977**, and if you desaturate by 10%, it is **145.2960, 27.9551, -6.3986**.

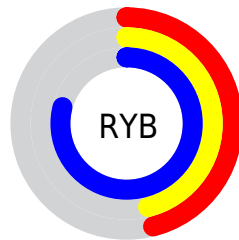
Distribution



Red (46%)

Green (46%)

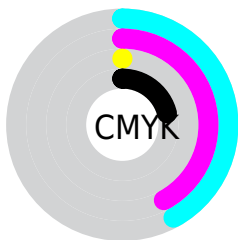
Blue (79%)



Red (46%)

Yellow (46%)

Blue (79%)

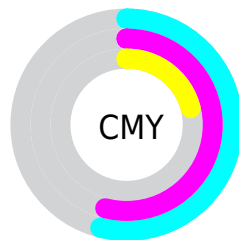


Cyan (42%)

Magenta (42%)

Yellow (0%)

Black (21%)



Cyan (54%)

Magenta (54%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.5760, 36.6910, -8.3982 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 127.5760, 36.6910, -8.3982 by changing the saturation by 10% instead.

■ 127.5760, 36.6910,
-8.3982

■ 127.5760, 36.6910,
-8.3982

255.0000, 0.0000,
0.0000

■ 101.6360, 35.6755,
-9.3278

■ 180.5870, 36.6856,
-6.6538

■ 76.6850, 34.6653,
-12.0017

■ 205.1070, 24.5972,
-2.7248

■ 52.1360, 33.9500,
-15.9053

■ 230.2140, 12.2195,
0.6893

■ 26.7930, 34.1191,
-23.4975

254.4130, 0.2894,
0.5148

■ 9.3820, 30.8707,
-8.2280

■ 7.8200, 19.8087,
-6.8581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 127.5760, 36.6910,
-8.3982

■ 127.5760, 36.6910,
-8.3982

■ 109.8560, 45.4270,
-10.3977

■ 145.2960, 27.9551,
-6.3986

■ 92.1360, 54.1630,
-12.3973

■ 163.0160, 19.2191,
-4.3990

■ 73.5300, 63.3357,
-14.4968

■ 181.6220, 10.0464,
-2.2995

■ 55.8100, 72.0717,
-16.4964

■ 199.3420, 1.3104,
-0.2999

■ 38.0900, 80.8076,
-18.4959

■ 217.0620, -7.4256,
1.6996

■ 23.0280, 88.2332,
-20.1956

■ 234.7820,
-16.1615, 3.6992

■ 248.9580,
-23.1503, 5.2988

Harmonies

Analogous

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



102.0110, 53.2386, -89.4636



127.5760, 36.6910, -8.3982



130.5510, 21.4204, 36.3508

Triad

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



127.5760, 36.6910, -8.3982



124.1490, -32.6115, 53.3663



99.8550, 9.4385, -87.5728

Complementary

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



127.5760, 36.6910, -8.3982



192.4240, -36.6910, 8.3982

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.



110.4740, -16.0097, -45.1427



127.5760, 36.6910, -8.3982



121.9920, -41.4081, 28.0710

Square

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



127.5760, 36.6910, -8.3982



125.0040, -15.7780, 67.5255



118.5750, -35.7795, -4.0123



104.7570, 28.2208, -91.8719

Rectangle

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



127.5760, 36.6910, -8.3982



128.5830, 9.5726, 56.4937



118.5750, -35.7795, -4.0123



97.6720, 3.6127, -85.6583

Sweetspot

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



127.5760, 36.6910, -8.3982



227.5340, 13.5407, -3.0993



176.8840, 12.3822, -51.6413



112.0520, 7.8624, -1.7996



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



127.5760, 36.6910, -8.3982



142.4780, 55.4733, -12.6972



140.1340, 30.4999, 17.4225



93.1400, 4.3680, -0.9998



18.9240, 72.5085, -16.5963



4.3320, 16.5983, -3.7992

Inverse Universe

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



152.6920, 24.3088, 43.2431



180.4510, 36.7527, 65.3795



179.8660, -30.4999, -17.4225



96.1300, 2.8939, 5.1480



68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 127.5760, 36.6910, -8.3982 looks on a white background.

Color Contrast Check

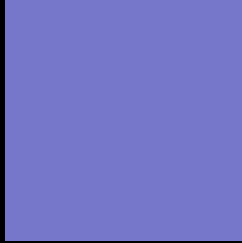
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 127.5760, 36.6910, -8.3982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

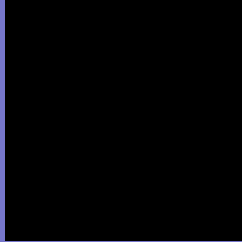
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.5760, 36.6910, -8.3982

Background



This preview shows how black text looks on a background with the YUV color 127.5760, 36.6910, -8.3982.



This preview shows how white text looks on a background with the YUV color 127.5760, 36.6910, -8.3982.

-8.3982.

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

127.5760, 36.6910, -8.3982

Protanopia

124.1930, 40.8239, -27.3563

Deuteranopia

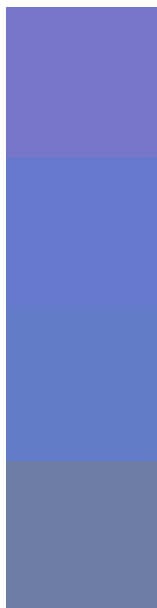
123.0630, 37.9299, -32.5043



Tritanopia

123.8820, 8.9322, -18.3135

Trichromacy



Original Color

127.5760, 36.6910, -8.3982

Protanomaly

125.4820, 39.2024, -20.5937

Deuteranomaly

125.0040, 37.4660, -23.6825

Tritanomaly

124.9500, 19.2517, -14.8651

Monochromacy



Original Color

127.5760, 36.6910, -8.3982

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.5340, 13.5407, -3.0993

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.5760, 36.6910, -8.3982 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(118, 118, 202)` looks like.

```
.text, #text, p{  
    color:rgb(118, 118, 202)  
}
```

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(118, 118, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 118, 202) }
```

Border

The CSS property to change the border of an element to YUV 127.5760, 36.6910, -8.3982 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(118, 118, 202) }
```


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

```
.border{ border-color:rgb(118, 118, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 118, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 118, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 118, 202);  
box-shadow:4px 4px 4px 4px rgb(118, 118,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 127.5760, 36.6910, -8.3982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 118, 202) }
```

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

```
.background{ background-color: rgb(118,  
118, 202) }
```

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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