

Converting Colors

YUV(58.7660, 58.7824, -0.6718)

Have a look what the booklet for
YUV(58.7660, 58.7824, -0.6718)
contains.

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Color

**YUV(58.7660, 58.7824,
-0.6718)**

Conversions

Conversions Part 1

Format	Color
Hex	3A24B2
RGB	58, 36, 178
RGB Percent	23%, 14%, 70%
CMY	0.7725, 0.8588, 0.3020
CMYK	0.67, 0.80, 0.00, 0.30
HSL	249°, 66%, 42%
HSV	249°, 80%, 70%
XYZ	10.4117, 5.3756, 42.6083
YIQ	58.7660, -32.4700, 48.8260

Conversions

Conversions Part 2

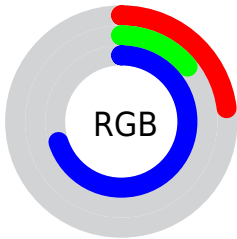
Format	Color
R _{YB}	58, 36, 178
Decimal	3810482
CIE Lab	27.78, 50.53, -70.81
CIE LCh	28, 86.990, 305.516
Yxy	5.3756, 0.1783, 0.0921
Android (android.graphics.Color)	4282000562 (0xFF3A24B2)
YUV	58.7660, 58.7824, -0.6718
Hunter-Lab	23.1854, 39.5829, -92.7286

Details

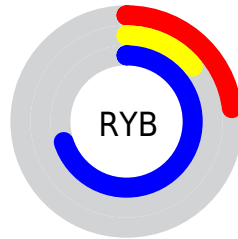
The YUV color **58.7660, 58.7824, -0.6718** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **155.2340, -58.7824, 0.6718**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.1630, 60.0656, 7.7500**, and **14.1360, 54.1630, -12.3973** is the 20% darker color. If you saturate the color by 10%, you get **43.7150, 66.2025, -0.6271**, and if you desaturate by 10%, it is **73.8170, 51.3622, -0.7165**.

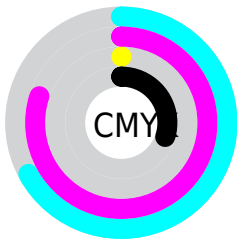
Distribution



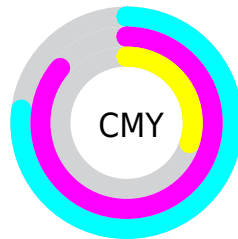
- Red (23%)
- Green (14%)
- Blue (70%)



- Red (23%)
- Yellow (14%)
- Blue (70%)



- Cyan (67%)
- Magenta (80%)
- Yellow (0%)
- Black (30%)



- Cyan (77%)
- Magenta (86%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.7660, 58.7824, -0.6718 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 58.7660, 58.7824, -0.6718 by changing the saturation by 10% instead.

■ 58.7660, 58.7824,
-0.6718

■ 58.7660, 58.7824,
-0.6718

■ 255.0000, 0.0000,
0.0000

■ 24.5900, 62.3201,
-15.4264

■ 113.1630, 60.0656,
7.7500

■ 14.1360, 54.1630,
-12.3973

■ 139.3760, 57.0026,
10.1942

■ 11.1720, 42.8062,
-9.7978

■ 163.6080, 45.0563,
15.2528

■ 13.6050, 29.2817,
-11.9316

■ 188.4270, 32.8205,
19.7965

■ 7.9340, 20.2455,
-6.9581

■ 213.2460, 20.5847,
24.3403

■ 3.7790, 11.9410,
-3.3142

■ 233.8680, 10.4181,

■ 0.0000, 0.0000,

18.5328

0.0000

250.8910, 2.0257,
3.6036

58.7660, 58.7824,
-0.6718

58.7660, 58.7824,
-0.6718

43.7150, 66.2025,
-0.6271

73.8170, 51.3622,
-0.7165

28.6640, 73.6226,
-0.5823

88.8680, 43.9421,
-0.7612

103.3320, 36.8113,
-0.2912

118.3830, 29.3912,
-0.3359

133.4340, 21.9710,
-0.3806

■ 148.4850, 14.5509,
-0.4253

■ 163.5360, 7.1308,
-0.4701

■ 178.0000, 0.0000,
0.0000

■ 193.0510, -7.4201,
-0.0447

Harmonies

Analogous

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



66.6940, 67.6919, -58.4906



58.7660, 58.7824, -0.6718



58.2740, 31.9099, 78.6897

Triad

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



58.7660, 58.7824, -0.6718



57.3220, -28.2597, 57.5996



59.8470, 8.4564, -52.4858

Complementary

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



58.7660, 58.7824, -0.6718



155.2340, -58.7824, 0.6718

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.



49.8950, -24.5982, -43.7579



58.7660, 58.7824, -0.6718



60.8460, -29.9971, 8.0281

Square

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



58.7660, 58.7824, -0.6718



47.5410, -23.4377, 97.7495



47.5470, -23.4407, -41.6987



68.6590, 37.1431, -60.2139

Rectangle

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



58.7660, 58.7824, -0.6718



59.5370, 9.5953, 95.9991



47.5470, -23.4407, -41.6987



57.1110, -2.0267, -50.0863

Sweetspot

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



58.7660, 58.7824, -0.6718



185.0750, 23.1340, -0.0658



123.2150, 27.0090, -76.4876



88.6700, 13.9667, 0.2894



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



58.7660, 58.7824, -0.6718



44.8870, 92.2467, -0.7779



79.6960, 48.4639, 42.3626



81.6240, 3.6364, 0.3298



24.6180, 63.2923, -0.5420



4.1600, 10.7671, -0.1403

Inverse Universe

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



92.1380, 31.4840, 75.3010



97.2230, 49.6831, 118.1994



134.3040, -48.4639, -42.3626



83.6030, 2.1677, 4.7332



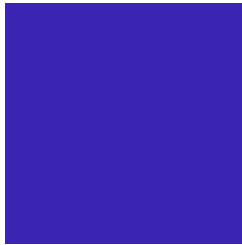
60.4530, 33.7937, 81.1637



10.2820, 5.7770, 13.7847

Previews

White Background



This preview shows how the YUV color 58.7660, 58.7824, -0.6718 looks on a white background.

Color Contrast Check

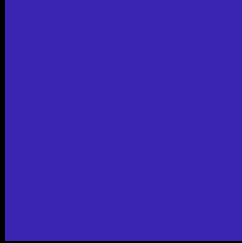
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.7660, 58.7824, -0.6718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

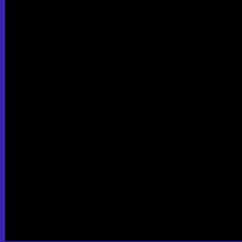
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.7660, 58.7824, -0.6718

Background



This preview shows how black text looks on a background with the YUV color 58.7660, 58.7824, -0.6718.



This preview shows how white text looks on a background with the YUV color 58.7660, 58.7824,

-0.6718.

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

58.7660, 58.7824, -0.6718

Protanopia

52.8440, 40.0099, -46.3442

Deuteranopia

52.9120, 30.1164, -46.4038



Tritanopia

51.7430, 12.9447, -45.3786

Trichromacy



Original Color

58.7660, 58.7824, -0.6718

Protanomaly

55.0770, 46.7970, -29.8855

Deuteranomaly

54.7690, 40.5399, -29.6154

Tritanomaly

54.4950, 29.3360, -29.3751

Monochromacy



Original Color

58.7660, 58.7824, -0.6718

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.2060, 21.0974, -0.1807

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.7660, 58.7824, -0.6718 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(58, 36, 178)` looks like.

```
.text, #text, p{  
    color:rgb(58, 36, 178)  
}
```

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(58, 36, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 36, 178) }
```

Border

The CSS property to change the border of an element to YUV 58.7660, 58.7824, -0.6718 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(58, 36, 178) }
```


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

```
.border{ border-color:rgb(58, 36, 178) }
```

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

Here you see how a box with a 4 pixel rgb(58, 36, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 36, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 36, 178);  
box-shadow:4px 4px 4px 4px rgb(58, 36,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 58.7660, 58.7824, -0.6718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 36, 178) }
```

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

```
.background{ background-color: rgb(58, 36,  
178) }
```

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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