

Converting Colors

YUV(47.7590, 66.1808, 6.3504)

Have a look what the booklet for
YUV(47.7590, 66.1808, 6.3504)
contains.

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Color

**YUV(47.7590, 66.1808,
6.3504)**

Conversions

Conversions Part 1

Format	Color
Hex	3712B6
RGB	55, 18, 182
RGB Percent	22%, 7%, 71%
CMY	0.7843, 0.9294, 0.2863
CMYK	0.70, 0.90, 0.00, 0.29
HSL	254°, 82%, 39%
HSV	254°, 90%, 71%
XYZ	10.2354, 4.6222, 44.6087
YIQ	47.7590, -30.5920, 58.8480

Conversions

Conversions Part 2

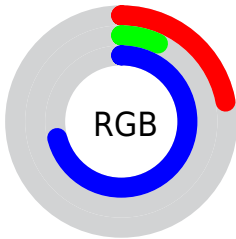
Format	Color
R_{YB}	55, 18, 182
Decimal	3609270
CIE _{Lab}	25.63, 58.44, -76.77
CIE _{LCh}	26, 96.479, 307.281
Yxy	4.6222, 0.1721, 0.0777
Android (android.graphics.Color)	4281799350 (0xFF3712B6)
YUV	47.7590, 66.1808, 6.3504
Hunter-Lab	21.4994, 47.3557, -107.9702

Details

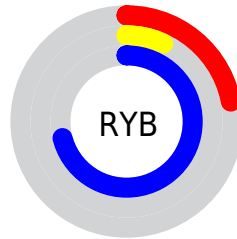
The YUV color **47.7590, 66.1808, 6.3504** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **152.2410, -66.1808, -6.3504**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.6890, 65.7223, 13.4277**, and **14.4780, 55.4733, -12.6972** is the 20% darker color. If you saturate the color by 10%, you get **33.0070, 73.4535, 7.0099**, and if you desaturate by 10%, it is **62.5110, 58.9081, 5.6909**.

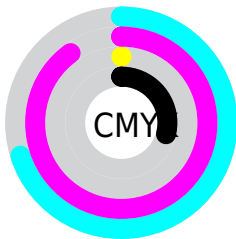
Distribution



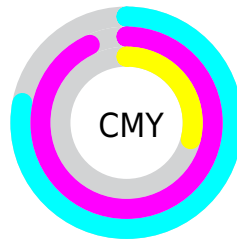
- Red (22%)
- Green (7%)
- Blue (71%)



- Red (22%)
- Yellow (7%)
- Blue (71%)



- Cyan (70%)
- Magenta (90%)
- Yellow (0%)
- Black (29%)



- Cyan (78%)
- Magenta (93%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.7590, 66.1808, 6.3504 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 47.7590, 66.1808, 6.3504 by changing the saturation by 10% instead.

■ 47.7590, 66.1808,
6.3504

■ 47.7590, 66.1808,
6.3504

■ 255.0000, 0.0000,
0.0000

■ 17.5560, 67.2669,
-15.3966

■ 105.6890, 65.7223,
13.4277

■ 14.4780, 55.4733,
-12.6972

■ 132.0440, 60.6173,
17.5014

■ 11.5140, 44.1166,
-10.0978

■ 156.2760, 48.6709,
22.5599

■ 13.9470, 30.5921,
-12.2315

■ 181.0950, 36.4352,
27.1037

■ 8.8630, 21.2665,
-7.7729

■ 206.8000, 23.7626,
31.7474

■ 4.5940, 12.5252,
-4.0289


■ 226.8240, 13.8908,


■ 0.1140, 0.4368,


24.7104


-0.1000


 243.8470, 5.4984,
9.7812


 0.0000, 0.0000,
0.0000


 47.7590, 66.1808,
6.3504

 47.7590, 66.1808,
6.3504


 33.0070, 73.4535,
7.0099

 62.5110, 58.9081,
5.6909

 77.2630, 51.6353,
5.0313

 92.6020, 44.0732,
3.8570

 107.3540, 36.8005,
3.1975

 122.1060, 29.5277,
2.5380

■ 137.1570, 22.1076,
2.4933

■ 151.9090, 14.8349,
1.8338

■ 167.2480, 7.2727,
0.6595

■ 182.0000, 0.0000,
0.0000

Harmonies

Analogous

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



65.4860, 73.2174, -57.4312



47.7590, 66.1808, 6.3504



59.3130, 29.4257, 82.1635

Triad

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



47.7590, 66.1808, 6.3504



51.7180, -25.4970, 58.1293



57.6130, 10.0508, -50.5266

Complementary

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



47.7590, 66.1808, 6.3504



152.2410, -66.1808, -6.3504

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.



47.5470, -23.4407, -41.6987



47.7590, 66.1808, 6.3504



55.7960, -27.5074, 2.8099

Square

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



47.7590, 66.1808, 6.3504



47.2420, -23.2903, 97.1348



45.1990, -22.2831, -39.6395



67.1090, 41.3583, -58.8546

Rectangle

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



47.7590, 66.1808, 6.3504



59.8210, 5.5112, 99.2580



45.1990, -22.2831, -39.6395



54.0620, -1.0166, -47.4124

Sweetspot

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



47.7590, 66.1808, 6.3504



184.7810, 25.7440, 2.8231



111.8320, 34.5928, -82.2907



88.1370, 15.7085, 1.6339



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



47.7590, 66.1808, 6.3504



43.1640, 95.5611, 9.5032



71.9780, 54.2408, 56.1473



84.6240, 3.6364, 0.3298



28.2490, 62.9812, 5.9206



4.9860, 11.3459, 0.8893

Inverse Universe

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



81.5140, 31.2986, 88.1262



91.8390, 45.4354, 127.3062



128.0220, -54.2408, -56.1473



86.4890, 1.7309, 4.8331



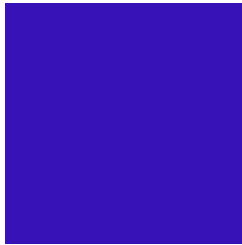
60.3240, 29.4203, 83.9079



10.8800, 5.4822, 15.0142

Previews

White Background



This preview shows how the YUV color 47.7590, 66.1808, 6.3504 looks on a white background.

Color Contrast Check

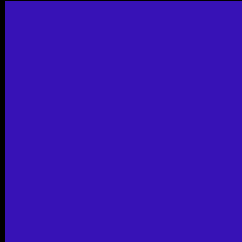
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.7590, 66.1808, 6.3504 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 47.7590, 66.1808, 6.3504

Background



This preview shows how black text looks on a background with the YUV color 47.7590, 66.1808, 6.3504.



This preview shows how white text looks on a background with the YUV color 47.7590, 66.1808,

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

47.7590, 66.1808, 6.3504

Protanopia

49.4700, 37.2363, -43.3852

Deuteranopia

49.6520, 27.7796, -43.5448



Tritanopia

48.2380, 12.2077, -42.3047

Trichromacy



Original Color

47.7590, 66.1808, 6.3504

Protanomaly

49.0390, 47.8018, -25.4672

Deuteranomaly

48.8450, 41.9814, -25.2971

Tritanomaly

48.2120, 31.9405, -24.7419

Monochromacy



Original Color

47.7590, 66.1808, 6.3504

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.0260, 24.1442, 2.6082

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.7590, 66.1808, 6.3504 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(55, 18, 182)` looks like.

```
.text, #text, p{  
    color:rgb(55, 18, 182)  
}
```

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(55, 18, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 18, 182) }
```

Border

The CSS property to change the border of an element to YUV 47.7590, 66.1808, 6.3504 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(55, 18, 182) }
```


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

```
.border{ border-color:rgb(55, 18, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 18, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 18, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 18, 182);  
box-shadow:4px 4px 4px 4px rgb(55, 18,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 47.7590, 66.1808, 6.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 18, 182) }
```

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

```
.background{ background-color: rgb(55, 18,  
182) }
```

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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