

Converting Colors

YUV(53.6680, 64.2537, 17.8312)

Have a look what the booklet for
YUV(53.6680, 64.2537, 17.8312)
contains.

YUV(53.6680, 64.2537, 17.8312)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(53.6680, 64.2537,
17.8312)**

Conversions

Conversions Part 1

Format	Color
Hex	4A12B8
RGB	74, 18, 184
RGB Percent	29%, 7%, 72%
CMY	0.7098, 0.9294, 0.2784
CMYK	0.60, 0.90, 0.00, 0.28
HSL	260°, 82%, 40%
HSV	260°, 90%, 72%
XYZ	11.6921, 5.3492, 45.7636
YIQ	53.6680, -19.9100, 63.4980

Conversions

Conversions Part 2

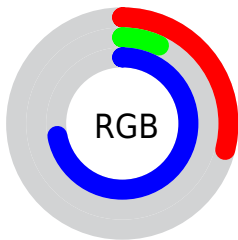
Format	Color
RYB	74, 18, 184
Decimal	4854456
CIELab	27.71, 60.28, -74.46
CIElCh	28, 95.796, 308.992
Yxy	5.3492, 0.1862, 0.0852
Android (android.graphics.Color)	4283044536 (0xFF4A12B8)
YUV	53.6680, 64.2537, 17.8312
Hunter-Lab	23.1282, 49.7632, -101.1269

Details

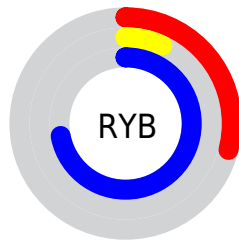
The YUV color **53.6680, 64.2537, 17.8312** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **148.3320, -64.2537, -17.8312**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.5760, 63.8060, 21.4198**, and **14.7060, 56.3469, -12.8972** is the 20% darker color. If you saturate the color by 10%, you get **39.5140, 71.2316, 19.7202**, and if you desaturate by 10%, it is **67.8220, 57.2758, 15.9421**.

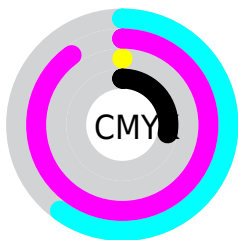
Distribution



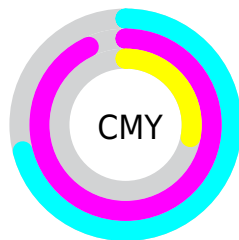
- Red (29%)
- Green (7%)
- Blue (72%)



- Red (29%)
- Yellow (7%)
- Blue (72%)



- Cyan (60%)
- Magenta (90%)
- Yellow (0%)
- Black (28%)



- Cyan (71%)
- Magenta (93%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.6680, 64.2537, 17.8312 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 53.6680, 64.2537, 17.8312 by changing the saturation by 10% instead.

■ 53.6680, 64.2537,
17.8312

■ 53.6680, 64.2537,
17.8312

■ 255.0000, 0.0000,
0.0000

■ 28.8470, 62.6864,
7.1502

■ 111.5760, 63.8060,
21.4198

■ 14.7060, 56.3469,
-12.8972

■ 137.9910, 57.6854,
24.5639

■ 11.7420, 44.9902,
-10.2977

■ 162.2230, 45.7391,
29.6224

■ 11.2400, 32.9127,
-9.8575

■ 187.6290, 33.2139,
33.6514

■ 9.0910, 22.1401,
-7.9728

■ 212.1490, 21.1255,
37.5803


■ 4.8220, 13.3988,
-4.2289

■ 229.1720, 12.7332,


■ 0.4560, 1.7472,


22.6512


-0.3999


 246.1950, 4.3409,
7.7220


 0.0000, 0.0000,
0.0000


 53.6680, 64.2537,
17.8312

 53.6680, 64.2537,
17.8312


 39.5140, 71.2316,
19.7202

 67.8220, 57.2758,
15.9421

 82.5630, 50.0084,
13.5382

 97.0160, 42.8831,
12.2640

 111.7570, 35.6158,
9.8601

 125.9110, 28.6379,
7.9711

■ 140.0650, 21.6600,
6.0820

■ 154.8060, 14.3926,
3.6781

■ 169.2590, 7.2673,
2.4039

■ 184.0000, 0.0000,
0.0000

Harmonies

Analogous

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



67.7030, 74.0964, -59.3755



53.6680, 64.2537, 17.8312



61.8190, 28.6832, 86.9817

Triad

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



53.6680, 64.2537, 17.8312



57.8980, -28.5437, 55.3405



61.5740, 12.5350, -54.0004

Complementary

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



53.6680, 64.2537, 17.8312



148.3320, -64.2537, -17.8312

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.



50.4820, -24.8876, -44.2727



53.6680, 64.2537, 17.8312



59.3290, -29.2492, 1.4655

Square

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



53.6680, 64.2537, 17.8312



48.7370, -24.0273, 100.2087



48.1340, -23.7301, -42.2135



71.5430, 43.1163, -62.7432

Rectangle

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



53.6680, 64.2537, 17.8312



61.7290, 5.0636, 102.8467



48.1340, -23.7301, -42.2135



58.6100, 1.1783, -51.4010

Sweetspot

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



53.6680, 64.2537, 17.8312



188.9880, 25.1489, 7.0265



102.0810, 40.3861, -73.7390



89.3330, 15.1188, 4.0930



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.



53.6680, 64.2537, 17.8312



51.5790, 92.8916, 25.8022



78.1860, 52.1663, 68.2429



84.9230, 3.4890, 0.9445



33.3320, 60.4753, 16.3718



5.8830, 10.9037, 2.7336

Inverse Universe

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



80.1740, 23.5782, 91.0554



89.8860, 34.0732, 131.6500



123.8140, -52.1663, -68.2429



86.3750, 1.2941, 4.9331



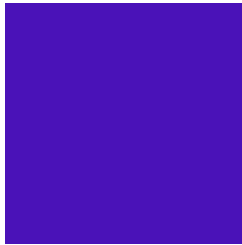
58.3860, 21.9947, 85.6075



10.5380, 4.1718, 15.3142

Previews

White Background



This preview shows how the YUV color 53.6680, 64.2537, 17.8312 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 53.6680, 64.2537, 17.8312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

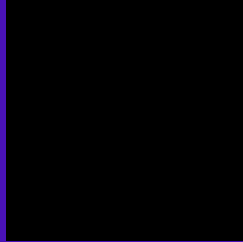
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.6680, 64.2537, 17.8312

Background



This preview shows how black text looks on a background with the YUV color 53.6680, 64.2537, 17.8312.



This preview shows how white text looks on a background with the YUV color 53.6680, 64.2537,

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

53.6680, 64.2537, 17.8312

Protanopia

52.9580, 40.4467, -46.4442

Deuteranopia

53.0260, 30.5532, -46.5038



Tritanopia

59.0330, 9.8437, -30.7239

Trichromacy



Original Color

53.6680, 64.2537, 17.8312

Protanomaly

53.1040, 49.2487, -22.8932

Deuteranomaly

53.3830, 42.7022, -23.1379

Tritanomaly

57.0070, 29.5765, -13.1611

Monochromacy



Original Color

53.6680, 64.2537, 17.8312

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.8200, 23.2597, 6.2969

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.6680, 64.2537, 17.8312 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(74, 18, 184)` looks like.

```
.text, #text, p{  
    color:rgb(74, 18, 184)  
}
```

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(74, 18, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 18, 184) }
```

Border

The CSS property to change the border of an element to YUV 53.6680, 64.2537, 17.8312 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(74, 18, 184) }
```


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

```
.border{ border-color:rgb(74, 18, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 18, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 18, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 18, 184);  
box-shadow:4px 4px 4px 4px rgb(74, 18,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 53.6680, 64.2537, 17.8312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 18, 184) }
```

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

```
.background{ background-color: rgb(74, 18,  
184) }
```

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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