

Converting Colors

YUV(76.3010, 54.0816, 13.7680)

Have a look what the booklet for
YUV(76.3010, 54.0816, 13.7680)
contains.

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Color

**YUV(76.3010, 54.0816,
13.7680)**

Conversions

Conversions Part 1

Format	Color
Hex	5C2FBA
RGB	92, 47, 186
RGB Percent	36%, 18%, 73%
CMY	0.6392, 0.8157, 0.2706
CMYK	0.51, 0.75, 0.00, 0.27
HSL	259°, 60%, 46%
HSV	259°, 75%, 73%
XYZ	14.2931, 7.8535, 47.2169
YIQ	76.3010, -17.7990, 52.7690

Conversions

Conversions Part 2

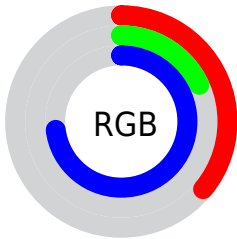
Format	Color
R_{YB}	92, 47, 186
Decimal	6041530
CIE _{Lab}	33.68, 51.77, -65.73
CIE _{LCh}	34, 83.672, 308.222
Yxy	7.8535, 0.2061, 0.1132
Android (android.graphics.Color)	4284231610 (0xFF5C2FBA)
YUV	76.3010, 54.0816, 13.7680
Hunter-Lab	28.0241, 41.9977, -80.2789

Details

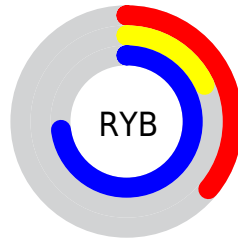
The YUV color **76.3010, 54.0816, 13.7680** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **156.6990, -54.0816, -13.7680**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.0780, 55.6705, 17.4716**, and **21.9250, 54.2670, 0.9428** is the 20% darker color. If you saturate the color by 10%, you get **61.2610, 61.4963, 15.5571**, and if you desaturate by 10%, it is **91.3410, 46.6669, 11.9789**.

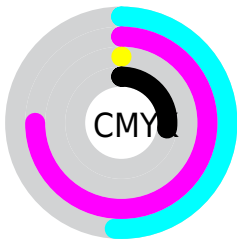
Distribution



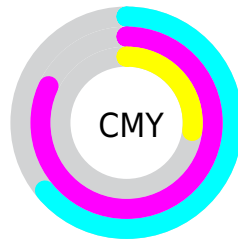
- Red (36%)
- Green (18%)
- Blue (73%)



- Red (36%)
- Yellow (18%)
- Blue (73%)



- Cyan (51%)
- Magenta (75%)
- Yellow (0%)
- Black (27%)



- Cyan (64%)
- Magenta (82%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.3010, 54.0816, 13.7680 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 76.3010, 54.0816, 13.7680 by changing the saturation by 10% instead.

■ 76.3010, 54.0816,
13.7680

■ 76.3010, 54.0816,
13.7680

■ 255.0000, 0.0000,
0.0000

■ 47.9910, 54.2344,
11.4089

■ 130.0780, 55.6705,
17.4716

■ 21.9250, 54.2670,
0.9428

■ 155.6780, 48.9657,
21.3304

■ 11.9700, 45.8638,
-10.4977

■ 179.6110, 37.1668,
25.7742

■ 9.1200, 34.9438,
-7.9982

■ 205.0170, 24.6416,
29.8031

■ 9.3190, 23.0137,
-8.1728

■ 226.2370, 14.1802,
25.2252

■ 5.0500, 14.2723,
-4.4289

■ 242.6730, 6.0772,

■ 0.9120, 3.4944,

10.8108

-0.7998

■ 0.0000, 0.0000,
0.0000

■ 76.3010, 54.0816,
13.7680

■ 76.3010, 54.0816,
13.7680

■ 61.2610, 61.4963,
15.5571

■ 91.3410, 46.6669,
11.9789

■ 47.1070, 68.4742,
17.4462

■ 105.4950, 39.6890,
10.0899

■ 39.1440, 72.4000,
18.2907

■ 120.5350, 32.2742,
8.3008

■ 134.6890, 25.2963,
6.4117

■ 149.7290, 17.8816,
4.6227

■ 164.4700, 10.6143,
2.2188

■ 178.9230, 3.4890,
0.9445

■ 193.9630, -3.9258,
-0.8446

■ 208.1170,
-10.9037, -2.7336

Harmonies

Analogous

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



73.8180, 69.6027, -64.7384



76.3010, 54.0816, 13.7680



64.4540, 32.3142, 89.0558

Triad

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



76.3010, 54.0816, 13.7680



72.6500, -35.8164, 54.6810



71.5190, 12.5621, -62.7222

Complementary

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



76.3010, 54.0816, 13.7680



156.6990, -54.0816, -13.7680

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.



61.9090, -19.1821, -54.2942



76.3010, 54.0816, 13.7680



72.9400, -35.9594, 7.0686

Square

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



76.3010, 54.0816, 13.7680



51.7270, -25.5014, 106.3564



56.3520, -27.7815, -49.4207



79.4020, 40.2278, -69.6356

Rectangle

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



76.3010, 54.0816, 13.7680



65.1190, 10.2943, 105.1356



56.3520, -27.7815, -49.4207



68.1960, 2.3684, -59.8079

Sweetspot

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



76.3010, 54.0816, 13.7680



200.1250, 20.6444, 5.1524



118.6110, 33.2228, -62.8028



97.5240, 12.0667, 3.0485



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



76.3010, 54.0816, 13.7680



70.0810, 84.7561, 21.8540



96.9320, 43.9105, 56.1876



84.9230, 3.4890, 0.9445



32.7340, 60.7701, 15.1423



5.8830, 10.9037, 2.7336

Inverse Universe

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



99.2770, 20.5694, 76.0561



106.0540, 32.5114, 119.2246



136.0680, -43.9105, -56.1876



86.3750, 1.2941, 4.9331



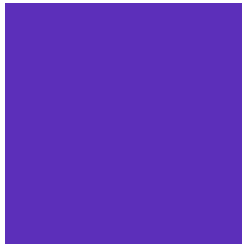
58.6140, 22.8683, 85.4075



10.5380, 4.1718, 15.3142

Previews

White Background



This preview shows how the YUV color 76.3010, 54.0816, 13.7680 looks on a white background.

Color Contrast Check

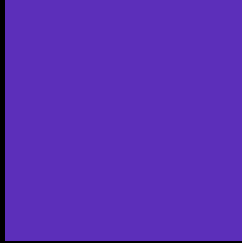
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.3010, 54.0816, 13.7680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

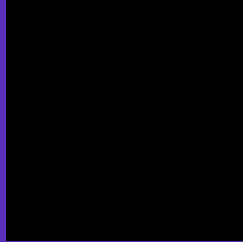
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.3010, 54.0816, 13.7680

Background



This preview shows how black text looks on a background with the YUV color 76.3010, 54.0816, 13.7680.



This preview shows how white text looks on a background with the YUV color 76.3010, 54.0816,

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

76.3010, 54.0816, 13.7680

Protanopia

63.6670, 48.4782, -55.8360

Tritanopia

77.1170, 5.8583, -12.3806

Trichromacy



Original Color

76.3010, 54.0816, 13.7680

Protanomaly

68.1030, 50.7282, -30.7853

Tritanomaly

76.7650, 23.2869, -2.4249

Monochromacy



Original Color

76.3010, 54.0816, 13.7680

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8970, 19.7708, 5.3523

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.3010, 54.0816, 13.7680 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(92, 47, 186)` looks like.

```
.text, #text, p{  
    color:rgb(92, 47, 186)  
}
```

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(92, 47, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 47, 186) }
```

Border

The CSS property to change the border of an element to YUV 76.3010, 54.0816, 13.7680 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(92, 47, 186) }
```

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

```
.border{ border-color:rgb(92, 47, 186) }
```

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

Here you see how a box with a 4 pixel rgb(92, 47, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 47, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 47, 186);  
box-shadow:4px 4px 4px 4px rgb(92, 47,  
186) }
```


Background

The CSS property to change the background color of an element to YUV 76.3010, 54.0816, 13.7680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 47, 186) }
```

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

```
.background{ background-color: rgb(92, 47,  
186) }
```

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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