

Converting Colors

YUV(92.4590, 47.5947, -5.6645)

Have a look what the booklet for
YUV(92.4590, 47.5947, -5.6645)
contains.

YUV(92.4590, 47.5947, -5.6645)	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(92.4590, 47.5947,
-5.6645)**

Conversions

Conversions Part 1

Format	Color
Hex	564DBD
RGB	86, 77, 189
RGB Percent	34%, 30%, 74%
CMY	0.6627, 0.6980, 0.2588
CMYK	0.54, 0.59, 0.00, 0.26
HSL	245°, 46%, 52%
HSV	245°, 59%, 74%
XYZ	15.6769, 10.9603, 49.4334
YIQ	92.4590, -30.5880, 36.7400

Conversions

Conversions Part 2

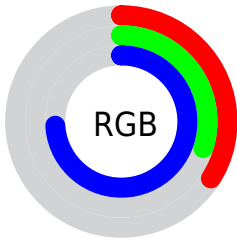
Format	Color
R_{YB}	86, 77, 189
Decimal	5655997
CIE Lab	39.51, 34.92, -58.00
CIE LCh	40, 67.705, 301.053
Yxy	10.9603, 0.2061, 0.1441
Android (android.graphics.Color)	4283846077 (0xFF564DBD)
YUV	92.4590, 47.5947, -5.6645
Hunter-Lab	33.1064, 26.5894, -65.3556

Details

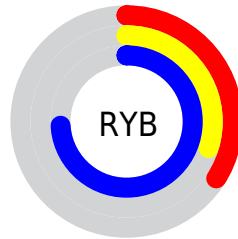
The YUV color **92.4590, 47.5947, -5.6645** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **173.5410, -47.5947, 5.6645**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.0620, 49.7624, -0.9314**, and **38.6590, 47.4961, -20.7489** is the 20% darker color. If you saturate the color by 10%, you get **76.2230, 55.5991, -6.3346**, and if you desaturate by 10%, it is **108.6950, 39.5904, -4.9945**.

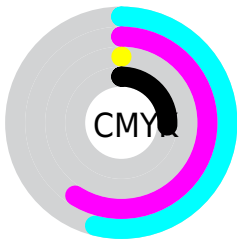
Distribution



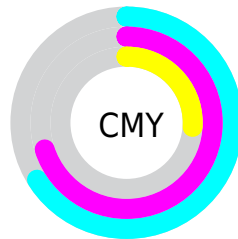
- Red (34%)
- Green (30%)
- Blue (74%)



- Red (34%)
- Yellow (30%)
- Blue (74%)



- Cyan (54%)
- Magenta (59%)
- Yellow (0%)
- Black (26%)



- Cyan (66%)
- Magenta (70%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.4590, 47.5947, -5.6645 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 92.4590, 47.5947, -5.6645 by changing the saturation by 10% instead.

■ 92.4590, 47.5947,
-5.6645

■ 92.4590, 47.5947,
-5.6645

■ 255.0000, 0.0000,
0.0000

■ 66.4970, 46.5900,
-10.0829

■ 145.0620, 49.7624,
-0.9314

■ 38.6590, 47.4961,
-20.7489

■ 170.3090, 41.7527,
1.4830

■ 19.4700, 44.1383,
-17.0752

■ 194.5410, 29.8063,
6.5415

■ 9.5760, 36.6910,
-8.3982

■ 219.6480, 17.4285,
9.9557

■ 10.2480, 24.0347,
-8.9875

■ 243.2600, 5.7878,
10.2960

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 92.4590, 47.5947,
-5.6645

■ 92.4590, 47.5947,
-5.6645

■ 76.2230, 55.5991,
-6.3346

■ 108.6950, 39.5904,
-4.9945

■ 59.6880, 63.7508,
-7.6194

■ 125.2300, 31.4386,
-3.7097

■ 43.4520, 71.7552,
-8.2894

■ 141.4660, 23.4343,
-3.0397

■ 26.9170, 79.9069,
-9.5742

■ 158.0010, 15.2825,
-1.7549

■ 26.0310, 80.3437,
-9.6742

■ 173.6500, 7.5676,
-0.5700

■ 189.8860, -0.4368,
0.1000

■ 206.4210, -8.5886,
1.3848

■ 222.6570,
-16.5929, 2.0548

■ 238.8930,
-24.5972, 2.7248

Harmonies

Analogous

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



82.0700, 60.6045, -71.9754



92.4590, 47.5947, -5.6645



87.5940, 29.7802, 61.7461

Triad

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



92.4590, 47.5947, -5.6645



85.9620, -42.3793, 59.6693



78.8080, 7.4897, -69.1146

Complementary

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



92.4590, 47.5947, -5.6645



173.5410, -47.5947, 5.6645

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.



70.2070, -17.8501, -61.5715



92.4590, 47.5947, -5.6645



87.7910, -43.2810, 22.1083

Square

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



92.4590, 47.5947, -5.6645



76.2890, -17.8905, 91.8315



78.6670, -38.7828, -20.7560



85.0780, 31.5135, -74.6134

Rectangle

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



92.4590, 47.5947, -5.6645



68.3490, 21.5199, 97.9179



78.6670, -38.7828, -20.7560



75.9410, -0.9569, -66.6003

Sweetspot

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



92.4590, 47.5947, -5.6645



206.9130, 18.7769, -2.5547



151.4030, 18.5353, -65.2514



98.9750, 11.3513, -0.8551



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.



92.4590, 47.5947, -5.6645



95.0220, 73.9392, -8.7893



108.6050, 39.6347, 27.5334



86.3250, 3.7838, -0.2850



21.8990, 67.0978, -7.8044



4.1320, 13.2459, -1.8698

Inverse Universe

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



122.2300, 28.4806, 58.5573



141.2660, 44.2389, 90.9747



157.3950, -39.6347, -27.5334



88.7170, 2.6045, 4.6332



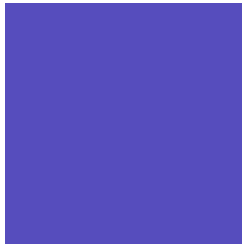
63.7720, 40.0454, 82.6380



12.4610, 7.6607, 16.2587

Previews

White Background



This preview shows how the YUV color 92.4590, 47.5947, -5.6645 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 × Fail

Black Background



This preview shows how the YUV color 92.4590, 47.5947, -5.6645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

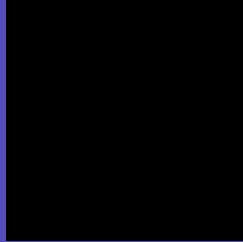
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.4590, 47.5947, -5.6645

Background



This preview shows how black text looks on a background with the YUV color 92.4590, 47.5947, -5.6645.



This preview shows how white text looks on a background with the YUV color 92.4590, 47.5947, -5.6645.

-5.6645.

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

92.4590, 47.5947, -5.6645

Protanopia

73.9030, 57.2358, -64.8129

Deuteranopia

74.5750, 44.5795, -65.4023



Tritanopia

87.3540, 9.6855, -26.6205

Trichromacy



Original Color

92.4590, 47.5947, -5.6645

Protanomaly

80.8240, 53.8238, -43.6956

Deuteranomaly

80.7610, 45.9668, -43.6404

Tritanomaly

89.3670, 23.4831, -18.7389

Monochromacy



Original Color

92.4590, 47.5947, -5.6645

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

92.4570, 17.0297, -2.1548

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.4590, 47.5947, -5.6645 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(86, 77, 189)` looks like.

```
.text, #text, p{  
    color:rgb(86, 77, 189)  
}
```

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(86, 77, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 77, 189) }
```

Border

The CSS property to change the border of an element to YUV 92.4590, 47.5947, -5.6645 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(86, 77, 189) }
```


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

```
.border{ border-color:rgb(86, 77, 189) }
```

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

Here you see how a box with a 4 pixel rgb(86, 77, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 77, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 77, 189);  
box-shadow:4px 4px 4px 4px rgb(86, 77,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 92.4590, 47.5947, -5.6645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 77, 189) }
```

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

```
.background{ background-color: rgb(86, 77,  
189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor