

Converting Colors

YUV(105.6000, 43.5812,
-25.0822)

Have a look what the booklet for
YUV(105.6000, 43.5812, -25.0822)
contains.

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Color

**YUV(105.6000, 43.5812,
-25.0822)**

Conversions

Conversions Part 1

Format	Color
Hex	4D67C2
RGB	77, 103, 194
RGB Percent	30%, 40%, 76%
CMY	0.6980, 0.5961, 0.2392
CMYK	0.60, 0.47, 0.00, 0.24
HSL	227°, 49%, 53%
HSV	227°, 60%, 76%
XYZ	17.6484, 15.1733, 53.0375
YIQ	105.6000, -44.7070, 22.7890

Conversions

Conversions Part 2

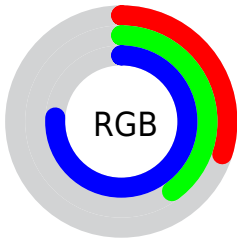
Format	Color
R_{YB}	77, 98, 194
Decimal	5072834
CIE _{Lab}	45.87, 18.57, -50.69
CIE _{LCh}	46, 53.983, 290.116
Yxy	15.1733, 0.2056, 0.1767
Android (android.graphics.Color)	4283262914 (0xFF4D67C2)
YUV	105.6000, 43.5812, -25.0822
Hunter-Lab	38.9529, 12.7054, -53.4610

Details

The YUV color **105.6000, 43.5812, -25.0822** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **165.4000, -43.5812, 25.0822**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.3770, 45.1701, -21.3786**, and **49.4190, 44.6564, -43.3405** is the 20% darker color. If you saturate the color by 10%, you get **91.1140, 50.7228, -29.0410**, and if you desaturate by 10%, it is **120.0860, 36.4396, -21.1234**.

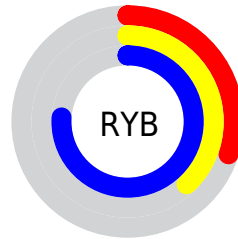
Distribution



Red (30%)

Green (40%)

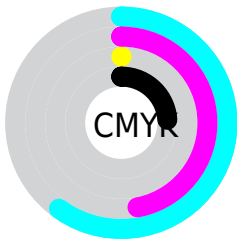
Blue (76%)



Red (30%)

Yellow (38%)

Blue (76%)

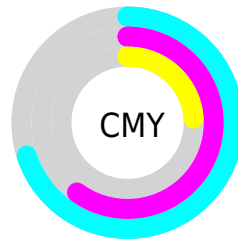


Cyan (60%)

Magenta (47%)

Yellow (0%)

Black (24%)



Cyan (70%)

Magenta (60%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.6000, 43.5812, -25.0822 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 105.6000, 43.5812, -25.0822 by changing the saturation by 10% instead.

■ 105.6000, 43.5812,
-25.0822

■ 105.6000, 43.5812,
-25.0822

■ 255.0000, 0.0000,
0.0000

■ 78.7520, 43.0133,
-29.6005

■ 159.3770, 45.1701,
-21.3786

■ 49.4190, 44.6564,
-43.3405

■ 183.7660, 35.1184,
-17.3348

■ 34.1280, 39.3769,
-29.9303

■ 208.8730, 22.7406,
-13.9206

■ 20.0110, 33.5186,
-17.5496

■ 234.2790, 10.2155,
-9.8917

■ 10.8180, 26.2187,
-9.4874

■ 254.1030, 0.4422,
-1.8443

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 105.6000, 43.5812,
-25.0822

■ 105.6000, 43.5812,
-25.0822

■ 91.1140, 50.7228,
-29.0410

■ 120.0860, 36.4396,
-21.1234

■ 76.3290, 58.0118,
-33.6145

■ 134.8710, 29.1506,
-16.5499

■ 61.8430, 65.1534,
-37.5733

■ 149.3570, 22.0090,
-12.5911

■ 47.3570, 72.2950,
-41.5321

■ 164.1420, 14.7200,
-8.0175

■ 178.6280, 7.5784,
-4.0588

■ 193.7010, 0.1474,
-0.6148

■ 208.4860, -7.1416,
3.9588

■ 222.9720,
-14.2832, 7.9176

■ 237.7570,
-21.5722, 12.4911

Harmonies

Analogous

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



91.8380, 52.3379, -80.5419



105.6000, 43.5812, -25.0822



111.4240, 27.3990, 32.0772

Triad

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



105.6000, 43.5812, -25.0822



104.6060, -32.3438, 60.8585



86.2110, 2.8540, -75.6070

Complementary

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



105.6000, 43.5812, -25.0822



165.4000, -43.5812, 25.0822

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.



90.5900, -21.9829, -42.6134



105.6000, 43.5812, -25.0822



102.0440, -50.3077, 35.9184

Square

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



105.6000, 43.5812, -25.0822



103.7860, -11.7265, 74.7327



98.5190, -47.5839, 2.1758



92.0420, 22.6573, -80.7208

Rectangle

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



105.6000, 43.5812, -25.0822



108.4890, 15.5349, 57.4531



98.5190, -47.5839, 2.1758



83.8000, -3.8454, -73.4926

Sweetspot

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



105.6000, 43.5812, -25.0822



218.0000, 16.7620, -9.6470



155.9390, 5.4531, -69.2295



106.4150, 10.6414, -6.5030



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



105.6000, 43.5812, -25.0822



115.1140, 67.4848, -38.6880



99.6070, 46.5357, 7.3607



89.3140, 3.7892, -2.0294



39.4860, 59.9064, -34.6292



7.8710, 12.3886, -6.9029

Inverse Universe

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



114.9470, -5.8899, 69.3295



129.6790, -9.2087, 107.2755



171.3930, -46.5357, -7.3607



90.2180, -0.6005, 5.9478



52.2430, -8.0078, 95.3799



10.6650, -1.8068, 19.5878

Previews

White Background



This preview shows how the YUV color 105.6000, 43.5812, -25.0822 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 105.6000, 43.5812, -25.0822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

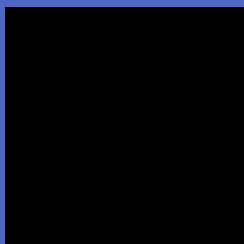
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.6000, 43.5812, -25.0822

Background



This preview shows how black text looks on a background with the YUV color 105.6000, 43.5812, -25.0822.



This preview shows how white text looks on a background with the YUV color 105.6000, 43.5812, -25.0822.

-25.0822.

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

105.6000, 43.5812, -25.0822

Protanopia

102.8160, 45.9397, -34.9186

Deuteranopia

95.4280, 47.6100, -57.3804



Tritanopia

97.6120, 14.9813, -45.2637

Trichromacy



Original Color

105.6000, 43.5812, -25.0822

Protanomaly

103.6100, 45.0553, -31.2300

Deuteranomaly

98.8640, 46.4090, -45.4847

Tritanomaly

100.7020, 25.2899, -38.3267

Monochromacy



Original Color

105.6000, 43.5812, -25.0822

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.7720, 15.8884, -9.4470

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.6000, 43.5812, -25.0822 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(77, 103, 194)` looks like.

```
.text, #text, p{  
    color:rgb(77, 103, 194)  
}
```

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(77, 103, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 103, 194) }
```

Border

The CSS property to change the border of an element to YUV 105.6000, 43.5812, -25.0822 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(77, 103, 194) }
```


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

```
.border{ border-color:rgb(77, 103, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 103, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 103, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 103, 194);  
box-shadow:4px 4px 4px 4px rgb(77, 103,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 105.6000, 43.5812, -25.0822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 103, 194) }
```

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

```
.background{ background-color: rgb(77, 103,  
194) }
```

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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