

Converting Colors

YUV(85.5210, 23.4071, 5.6821)

Have a look what the booklet for
YUV(85.5210, 23.4071, 5.6821)
contains.

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Color

**YUV(85.5210, 23.4071,
5.6821)**

Conversions

Conversions Part 1

Format	Color
Hex	5C4985
RGB	92, 73, 133
RGB Percent	36%, 29%, 52%
CMY	0.6392, 0.7137, 0.4784
CMYK	0.31, 0.45, 0.00, 0.48
HSL	259°, 29%, 40%
HSV	259°, 45%, 52%
XYZ	11.0298, 8.7339, 23.2948
YIQ	85.5210, -7.9360, 22.6880

Conversions

Conversions Part 2

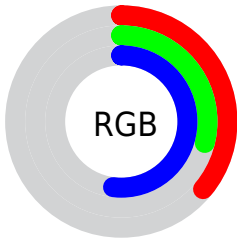
Format	Color
R_{YB}	92, 73, 133
Decimal	6048133
CIE _{Lab}	35.47, 22.04, -30.88
CIE _{LCh}	35, 37.942, 305.518
Yxy	8.7339, 0.2562, 0.2028
Android (android.graphics.Color)	4284238213 (0xFF5C4985)
YUV	85.5210, 23.4071, 5.6821
Hunter-Lab	29.5531, 14.9019, -26.0473

Details

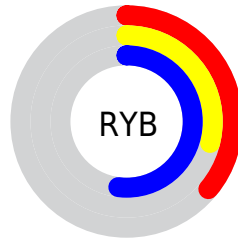
The YUV color **85.5210, 23.4071, 5.6821** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **120.4790, -23.4071, -5.6821**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.9880, 25.1489, 7.0265**, and **39.3420, 21.5234, 3.2081** is the 20% darker color. If you saturate the color by 10%, you get **75.1990, 28.4959, 6.8415**, and if you desaturate by 10%, it is **95.8430, 18.3184, 4.5227**.

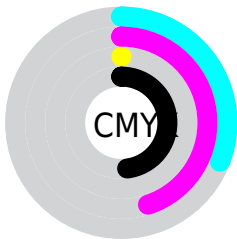
Distribution



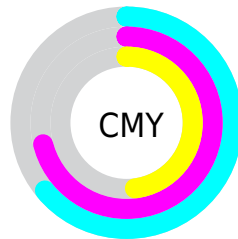
- Red (36%)
- Green (29%)
- Blue (52%)



- Red (36%)
- Yellow (29%)
- Blue (52%)



- Cyan (31%)
- Magenta (45%)
- Yellow (0%)
- Black (48%)



- Cyan (64%)
- Magenta (71%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.5210, 23.4071, 5.6821 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 85.5210, 23.4071, 5.6821 by changing the saturation by 10% instead.

85.5210, 23.4071,
5.6821

85.5210, 23.4071,
5.6821

255.0000, 0.0000,
0.0000

61.5810, 22.3916,
4.7525

135.9880, 25.1489,
7.0265

39.3420, 21.5234,
3.2081

162.4010, 25.4383,
7.5413

16.5160, 20.9446,
2.1785

189.9280, 26.1645,
7.9561

4.2180, 16.1615,
-3.6992

215.5170, 19.4651,
10.0706

2.1830, 5.8258,
-1.9145

240.3250, 7.2348,
12.8700

0.0000, 0.0000,
0.0000

85.5210, 23.4071,
5.6821

85.5210, 23.4071,
5.6821

75.1990, 28.4959,
6.8415

95.8430, 18.3184,
4.5227

64.2900, 33.8740,
8.5157

106.7520, 12.9403,
2.8485

53.9680, 38.9628,
9.6751

117.0740, 7.8515,
1.6891

43.6460, 44.0515,
10.8345

127.3960, 2.7628,
0.5297

32.7370, 49.4297,
12.5087

138.3050, -2.6154,
-1.1445


27.7200, 51.9030,
12.5236

148.9260, -7.8515,
-1.6891

159.2480,
-12.9403, -2.8485

169.5700,

-18.0290, -4.0079

 180.4790,
-23.4071, -5.6821

Harmonies

Analogous

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



74.3840, 34.3207, -41.5558



85.5210, 23.4071, 5.6821



85.6080, 11.5323, 34.5468

Triad

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



85.5210, 23.4071, 5.6821



81.5100, -26.8734, 32.8787



67.5580, 10.0779, -59.2484

Complementary

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



85.5210, 23.4071, 5.6821



120.4790, -23.4071, -5.6821

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.



64.0460, -3.4737, -52.6603



85.5210, 23.4071, 5.6821



79.3520, -30.7395, 12.8463

Square

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



85.5210, 23.4071, 5.6821



81.8720, -15.7129, 46.5933



76.3750, -22.3699, -11.7299



70.3910, 23.4712, -61.7329

Rectangle

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



85.5210, 23.4071, 5.6821



83.6820, 2.6218, 45.8829



76.3750, -22.3699, -11.7299



66.4180, 5.7099, -58.2486

Sweetspot

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



85.5210, 23.4071, 5.6821



154.1280, 9.3039, 2.5187



103.9070, 14.3428, -27.1054



75.2050, 5.8149, 1.5742



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



85.5210, 23.4071, 5.6821



99.2730, 36.3474, 8.5306



94.4910, 18.9849, 24.1254



61.2820, 2.3260, 0.6297



27.0790, 50.7401, 12.2087



0.6410, 1.1630, 0.3148

Inverse Universe

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



95.6140, 9.0643, 32.7875



115.1030, 14.2462, 50.7757



111.5090, -18.9849, -24.1254



62.2500, 0.8628, 3.2888



49.0160, 19.7121, 71.0230



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 85.5210, 23.4071, 5.6821 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 85.5210, 23.4071, 5.6821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

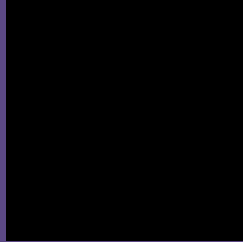
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.5210, 23.4071, 5.6821

Background



This preview shows how black text looks on a background with the YUV color 85.5210, 23.4071, 5.6821.



This preview shows how white text looks on a background with the YUV color 85.5210, 23.4071,

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

85.5210, 23.4071, 5.6821

Protanopia

81.8490, 29.1614, -20.0386

Deuteranopia

81.5840, 24.3621, -20.6832



Tritanopia

83.6840, 2.6208, -0.5999

Trichromacy



Original Color

85.5210, 23.4071, 5.6821

Protanomaly

83.3340, 26.9503, -10.8169

Deuteranomaly

82.9380, 24.1876, -11.3466

Tritanomaly

84.0570, 10.3249, 1.7040

Monochromacy



Original Color

85.5210, 23.4071, 5.6821

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.6010, 8.5777, 2.1039

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.5210, 23.4071, 5.6821 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, 73, 133)` looks like.

```
.text, #text, p{  
    color:rgb(92, 73, 133)  
}
```

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, 73, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 73, 133) }
```

Border

The CSS property to change the border of an element to YUV 85.5210, 23.4071, 5.6821 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, 73, 133) }
```


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

```
.border{ border-color:rgb(92, 73, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 73, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 73, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 73, 133);  
box-shadow:4px 4px 4px 4px rgb(92, 73,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 85.5210, 23.4071, 5.6821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 73, 133) }
```

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

```
.background{ background-color: rgb(92, 73,  
133) }
```

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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