

Converting Colors

YUV(100.5670, 30.2865,
-7.5133)

Have a look what the booklet for
YUV(100.5670, 30.2865, -7.5133)
contains.

YUV(100.5670, 30.2865, -7.5133)	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(100.5670, 30.2865,
-7.5133)**

Conversions

Conversions Part 1

Format	Color
Hex	5C5DA2
RGB	92, 93, 162
RGB Percent	36%, 36%, 64%
CMY	0.6392, 0.6353, 0.3647
CMYK	0.43, 0.43, 0.00, 0.36
HSL	239°, 28%, 50%
HSV	239°, 43%, 64%
XYZ	14.8496, 12.7126, 35.8535
YIQ	100.5670, -22.7450, 21.2470

Conversions

Conversions Part 2

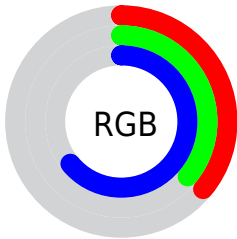
Format	Color
RYB	92, 93, 162
Decimal	6053282
CIELab	42.33, 17.89, -37.54
CIELCh	42, 41.587, 295.472
Yxy	12.7126, 0.2342, 0.2005
Android (android.graphics.Color)	4284243362 (0xFF5C5DA2)
YUV	100.5670, 30.2865, -7.5133
Hunter-Lab	35.6548, 11.9461, -34.6621

Details

The YUV color **100.5670, 30.2865, -7.5133** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **153.4330, -30.2865, 7.5133**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.0340, 32.0282, -6.1688**, and **51.7900, 28.6975, -11.2168** is the 20% darker color. If you saturate the color by 10%, you get **86.3910, 37.2752, -9.1129**, and if you desaturate by 10%, it is **114.7430, 23.2977, -5.9136**.

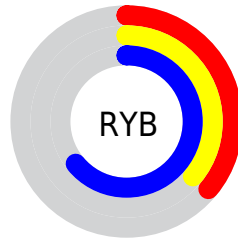
Distribution



Red (36%)

Green (36%)

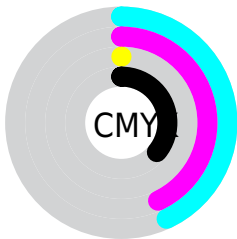
Blue (64%)



Red (36%)

Yellow (36%)

Blue (64%)

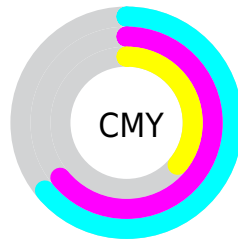


Cyan (43%)

Magenta (43%)

Yellow (0%)

Black (36%)



Cyan (64%)

Magenta (64%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.5670, 30.2865, -7.5133 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 100.5670, 30.2865, -7.5133 by changing the saturation by 10% instead.

■ 100.5670, 30.2865,
-7.5133

■ 100.5670, 30.2865,
-7.5133

255.0000, 0.0000,
0.0000

■ 75.6270, 29.2709,
-8.4429

■ 152.0340, 32.0282,
-6.1688

■ 51.7900, 28.6975,
-11.2168

■ 179.5610, 32.7544,
-5.7540

■ 27.0340, 28.5772,
-19.3238

■ 204.8080, 24.7447,
-3.3396

■ 6.9540, 26.6447,
-6.0987

■ 229.9150, 12.3669,
0.0745

■ 6.2070, 16.1669,
-5.4435

253.8260, 0.5788,
1.0296

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,

0.0000

■ 100.5670, 30.2865,
-7.5133

■ 100.5670, 30.2865,
-7.5133

■ 86.3910, 37.2752,
-9.1129

■ 114.7430, 23.2977,
-5.9136

■ 72.2150, 44.2640,
-10.7126

■ 128.9190, 16.3089,
-4.3140

■ 57.7400, 51.4002,
-12.9270

■ 143.3940, 9.1728,
-2.0995

■ 43.5640, 58.3889,
-14.5266

■ 157.5700, 2.1840,
-0.4999

■ 29.3880, 65.3777,
-16.1263

■ 171.7460, -4.8048,
1.0998

■ 19.6420, 70.1825,
-17.2260

■ 185.9220,
-11.7935, 2.6994

■ 200.0980,
-18.7823, 4.2991

■ 214.5730,
-25.9185, 6.5135

■ 228.7490,
-32.9073, 8.1131

Harmonies

Analogous

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



80.7870, 42.9960, -70.8502



100.5670, 30.2865, -7.5133



103.1820, 17.6583, 29.6584

Triad

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



100.5670, 30.2865, -7.5133



97.9890, -26.6166, 43.8596



78.6940, 7.0529, -69.0146

Complementary

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



100.5670, 30.2865, -7.5133



153.4330, -30.2865, 7.5133

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.



86.5120, -13.5634, -36.4060



100.5670, 30.2865, -7.5133



96.2070, -34.1191, 23.4975

Square

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



100.5670, 30.2865, -7.5133



98.9100, -13.2666, 55.3299



93.4810, -29.8171, -3.0528



82.6840, 22.3408, -72.5139

Rectangle

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



100.5670, 30.2865, -7.5133



101.1750, 8.2947, 46.3275



93.4810, -29.8171, -3.0528



77.4400, 2.2481, -67.9149

Sweetspot

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



100.5670, 30.2865, -7.5133



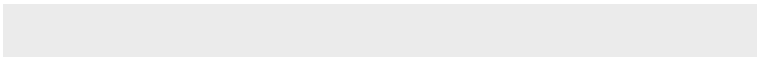
187.7790, 11.9410, -3.3142



140.9560, 9.8817, -42.9344



91.9380, 7.4256, -1.6996



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



100.5670, 30.2865, -7.5133



115.1270, 47.7584, -11.5124



110.1460, 25.5640, 13.9040



74.6130, 3.6418, -1.4146



17.7040, 62.7569, -15.5264



2.0520, 7.8624, -1.7996

Inverse Universe

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



113.0440, -9.8817, 42.9344



135.0040, -15.7780, 67.5255



143.8540, -25.5640, -13.9040



75.8050, -0.8899, 5.4330



43.5830, -20.5004, 88.9427



5.3820, -2.6533, 11.0660

Previews

White Background



This preview shows how the YUV color 100.5670, 30.2865, -7.5133 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 100.5670, 30.2865, -7.5133 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 100.5670, 30.2865, -7.5133

Background



This preview shows how black text looks on a background with the YUV color 100.5670, 30.2865, -7.5133.



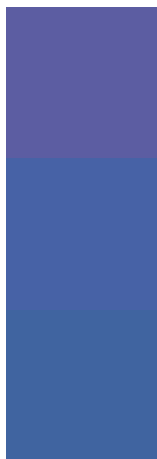
This preview shows how white text looks on a background with the YUV color 100.5670, 30.2865, -7.5133.

-7.5133.

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

100.5670, 30.2865, -7.5133

Protanopia

97.6790, 33.6823, -23.3975

Deuteranopia

96.0760, 31.5145, -28.1307



Tritanopia

97.4370, 7.1796, -16.1692

Trichromacy



Original Color

100.5670, 30.2865, -7.5133

Protanomaly

98.7830, 32.6450, -17.3497

Deuteranomaly

97.4190, 31.3454, -20.5385

Tritanomaly

98.6360, 15.4625, -12.8358

Monochromacy



Original Color

100.5670, 30.2865, -7.5133

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.8500, 10.9199, -2.4995

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.5670, 30.2865, -7.5133 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, 93, 162)` looks like.

```
.text, #text, p{  
    color:rgb(92, 93, 162)  
}
```

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, 93, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 93, 162) }
```

Border

The CSS property to change the border of an element to YUV 100.5670, 30.2865, -7.5133 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, 93, 162) }
```


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

```
.border{ border-color:rgb(92, 93, 162) }
```

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

Here you see how a box with a 4 pixel rgb(92, 93, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 93, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 93, 162);  
box-shadow:4px 4px 4px 4px rgb(92, 93,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 100.5670, 30.2865, -7.5133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 93, 162) }
```

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

```
.background{ background-color: rgb(92, 93,  
162) }
```

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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