

Converting Colors

YUV(100.3660, 31.8646,
-0.3210)

Have a look what the booklet for
YUV(100.3660, 31.8646, -0.3210)
contains.

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Color

**YUV(100.3660, 31.8646,
-0.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	6458A5
RGB	100, 88, 165
RGB Percent	39%, 35%, 65%
CMY	0.6078, 0.6549, 0.3529
CMYK	0.39, 0.47, 0.00, 0.35
HSL	249°, 30%, 50%
HSV	249°, 47%, 65%
XYZ	15.5368, 12.4054, 37.1729
YIQ	100.3660, -17.5650, 26.4910

Conversions

Conversions Part 2

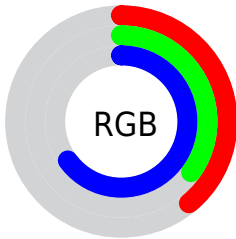
Format	Color
R_{YB}	100, 88, 165
Decimal	6576293
CIE _{Lab}	41.85, 24.02, -40.04
CIE _{LCh}	42, 46.688, 300.962
Yxy	12.4054, 0.2386, 0.1905
Android (android.graphics.Color)	4284766373 (0xFF6458A5)
YUV	100.3660, 31.8646, -0.3210
Hunter-Lab	35.2213, 17.1026, -37.9204

Details

The YUV color **100.3660, 31.8646, -0.3210** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **152.6340, -31.8646, 0.3210**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.1320, 33.4589, 1.6382**, and **51.5890, 30.2756, -4.0246** is the 20% darker color. If you saturate the color by 10%, you get **86.7880, 38.5585, -0.6911**, and if you desaturate by 10%, it is **113.9440, 25.1706, 0.0491**.

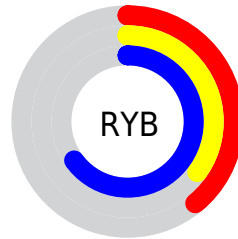
Distribution



Red (39%)

Green (35%)

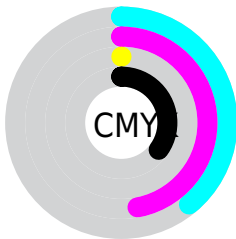
Blue (65%)



Red (39%)

Yellow (35%)

Blue (65%)

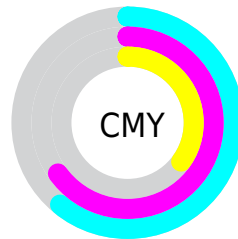


Cyan (39%)

Magenta (47%)

Yellow (0%)

Black (35%)



Cyan (61%)

Magenta (65%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.3660, 31.8646, -0.3210 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 100.3660, 31.8646, -0.3210 by changing the saturation by 10% instead.

■ 100.3660, 31.8646,
-0.3210

■ 100.3660, 31.8646,
-0.3210

■ 255.0000, 0.0000,
0.0000

■ 76.0130, 30.5596,
-1.7654

■ 152.1320, 33.4589,
1.6382

■ 51.5890, 30.2756,
-4.0246

■ 178.7730, 34.6219,
1.9531

■ 28.3280, 29.4183,
-9.0577

■ 204.5640, 24.8649,
4.7674

■ 7.2960, 27.9551,
-6.3986

■ 229.0840, 12.7766,
8.6963

■ 6.4350, 17.0405,
-5.6435

■ 250.8910, 2.0257,
3.6036

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,

0.0000

■ 100.3660, 31.8646,
-0.3210

■ 100.3660, 31.8646,
-0.3210

■ 86.7880, 38.5585,
-0.6911

■ 113.9440, 25.1706,
0.0491

■ 72.6230, 45.5419,
-0.5464

■ 128.1090, 18.1873,
-0.0956

■ 59.0450, 52.2358,
-0.9165

■ 142.2740, 11.2039,
-0.2403

■ 44.8800, 59.2192,
-0.7718

■ 155.8520, 4.5100,
0.1298

■ 31.3020, 65.9131,
-1.1419

■ 170.0170, -2.4734,
-0.0149

■ 26.5840, 68.2391,
-0.5122

■ 183.5950, -9.1673,
0.3552

■ 196.8740,
-15.7139, 0.1105

■ 211.0390,
-22.6972, -0.0342

■ 224.6170,
-29.3912, 0.3359

Harmonies

Analogous

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



80.5250, 47.0692, -70.6204



100.3660, 31.8646, -0.3210



100.9490, 17.7731, 39.5097

Triad

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



100.3660, 31.8646, -0.3210



96.0940, -32.5843, 44.6446



79.9650, 9.3843, -70.1293

Complementary

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



100.3660, 31.8646, -0.3210



152.6340, -31.8646, 0.3210

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.



75.4380, -8.1039, -60.8971



100.3660, 31.8646, -0.3210



92.9480, -41.3864, 21.0936

Square

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



100.3660, 31.8646, -0.3210



95.7320, -16.6299, 60.7480



89.6820, -31.3952, -10.2451



83.7100, 26.2720, -73.4137

Rectangle

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



100.3660, 31.8646, -0.3210



98.1870, 6.8098, 55.9640



89.6820, -31.3952, -10.2451



77.7820, 3.5585, -68.2148

Sweetspot

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



100.3660, 31.8646, -0.3210



188.9150, 12.3669, 0.0745



134.9330, 14.8230, -41.1602



91.9490, 7.4201, 0.0447



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.



100.3660, 31.8646, -0.3210



113.3610, 49.6150, -0.3166



111.7280, 26.2631, 23.0405



74.6240, 3.6364, 0.3298



23.4070, 59.9453, -0.3569



2.9490, 7.4201, 0.0447

Inverse Universe

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



118.4330, 17.0415, 40.8393



141.5080, 26.8646, 63.5755



141.2720, -26.2631, -23.0405



76.4890, 1.7309, 4.8331



57.3770, 32.3521, 76.8454



7.0920, 3.8986, 9.5663

Previews

White Background



This preview shows how the YUV color 100.3660, 31.8646, -0.3210 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 100.3660, 31.8646, -0.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

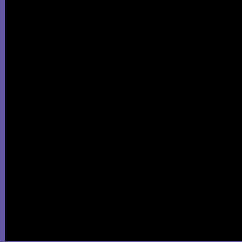
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.3660, 31.8646, -0.3210

Background



This preview shows how black text looks on a background with the YUV color 100.3660, 31.8646, -0.3210.



This preview shows how white text looks on a background with the YUV color 100.3660, 31.8646, -0.3210.

-0.3210.

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

100.3660, 31.8646, -0.3210

Protanopia

95.2100, 38.3505, -27.3712

Deuteranopia

94.0370, 33.9988, -31.6044



Tritanopia

97.7260, 5.5581, -9.4067

Trichromacy



Original Color

100.3660, 31.8646, -0.3210

Protanomaly

96.9940, 35.9920, -17.5347

Deuteranomaly

96.2880, 33.3820, -20.4236

Tritanomaly

98.5660, 15.0040, -5.7584

Monochromacy



Original Color

100.3660, 31.8646, -0.3210

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.3880, 11.6407, -0.3403

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.3660, 31.8646, -0.3210 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(100, 88, 165)` looks like.

```
.text, #text, p{  
    color:rgb(100, 88, 165)  
}
```

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(100, 88, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 88, 165) }
```

Border

The CSS property to change the border of an element to YUV 100.3660, 31.8646, -0.3210 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(100, 88, 165) }
```


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

```
.border{ border-color:rgb(100, 88, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 88, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 88, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 88, 165); box-shadow:4px 4px 4px 4px rgb(100, 88, 165) }
```

Background

The CSS property to change the background color of an element to YUV 100.3660, 31.8646, -0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 88, 165) }
```

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

```
.background{ background-color: rgb(100, 88,  
165) }
```

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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