

Converting Colors

YUV(56.3330, 22.0208, 30.4030)

Have a look what the booklet for
YUV(56.3330, 22.0208, 30.4030)
contains.

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Color

**YUV(56.3330, 22.0208,
30.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	5B1E65
RGB	91, 30, 101
RGB Percent	36%, 12%, 40%
CMY	0.6431, 0.8824, 0.6039
CMYK	0.10, 0.70, 0.00, 0.60
HSL	292°, 54%, 26%
HSV	292°, 70%, 40%
XYZ	7.1276, 4.0923, 12.7261
YIQ	56.3330, 13.5650, 35.0130

Conversions

Conversions Part 2

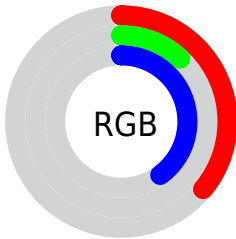
Format	Color
R_{YB}	91, 30, 101
Decimal	5971557
CIE _{Lab}	23.97, 38.55, -28.86
CIE _{LCh}	24, 48.156, 323.173
Yxy	4.0923, 0.2977, 0.1709
Android (android.graphics.Color)	4284161637 (0xFF5B1E65)
YUV	56.3330, 22.0208, 30.4030
Hunter-Lab	20.2294, 27.4913, -23.1383

Details

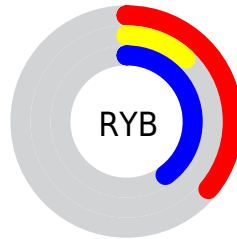
The YUV color **56.3330, 22.0208, 30.4030** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **74.6670, -22.0208, -30.4030**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.4580, 22.4522, 32.0473**, and **19.0130, 17.2486, 21.0366** is the 20% darker color. If you saturate the color by 10%, you get **50.1640, 25.0621, 34.9362**, and if you desaturate by 10%, it is **62.5020, 18.9795, 25.8697**.

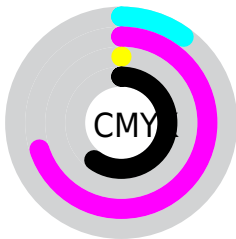
Distribution



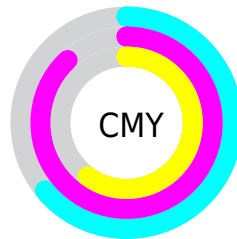
- Red (36%)
- Green (12%)
- Blue (40%)



- Red (36%)
- Yellow (12%)
- Blue (40%)



- Cyan (10%)
- Magenta (70%)
- Yellow (0%)
- Black (60%)



- Cyan (64%)
- Magenta (88%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 56.3330, 22.0208, 30.4030 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 56.3330, 22.0208, 30.4030 by changing the saturation by 10% instead.

■ 56.3330, 22.0208,
30.4030

■ 56.3330, 22.0208,
30.4030

■ 255.0000, 0.0000,
0.0000

■ 29.6860, 23.3258,
31.8474

■ 106.4580, 22.4522,
32.0473

■ 19.0130, 17.2486,
21.0366

■ 133.1700, 22.5942,
33.1769

■ 6.9370, 12.3561,
3.5633

■ 159.9960, 23.1730,
34.2065

■ 0.3420, 1.3104,
-0.2999

■ 186.8220, 23.7518,
35.2361

■ 0.0000, 0.0000,
0.0000

■ 213.9100, 20.2574,
36.0359

■ 230.3460, 12.1544,

21.6216

247.3690, 3.7621,
6.6924

56.3330, 22.0208,
30.4030

56.3330, 22.0208,
30.4030

50.1640, 25.0621,
34.9362

62.5020, 18.9795,
25.8697

43.6960, 28.2509,
38.8546

68.9700, 15.7908,
21.9513

37.5270, 31.2922,
43.3878

75.1390, 12.7495,
17.4181

81.6070, 9.5607,
13.4997

88.3630, 6.2300,
8.4516

■ 94.8310, 3.0413,
4.5332

■ 101.0000, 0.0000,
0.0000

■ 107.1690, -3.0413,
-4.5332

■ 113.6370, -6.2300,
-8.4516

Harmonies

Analogous

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



52.1460, 35.4240, -22.0530



56.3330, 22.0208, 30.4030



43.1970, 11.7349, 62.9712

Triad

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



56.3330, 22.0208, 30.4030



54.4330, -26.8355, 20.6683



51.9540, 16.2917, -45.5637

Complementary

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



56.3330, 22.0208, 30.4030



74.6670, -22.0208, -30.4030

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.



47.6220, -0.3066, -41.7645



56.3330, 22.0208, 30.4030



50.4360, -24.8649, -4.7674

Square

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



56.3330, 22.0208, 30.4030



51.3420, -25.3116, 45.3041



41.1870, -17.3472, -36.1210



54.2000, 29.9744, -47.5334

Rectangle

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



56.3330, 22.0208, 30.4030



41.0700, 0.9515, 68.3446



41.1870, -17.3472, -36.1210



50.5860, 11.0501, -44.3639

Sweetspot

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



56.3330, 22.0208, 30.4030



112.9550, 8.4032, 11.4405



44.5510, 27.8294, -12.7612



56.0100, 4.9251, 7.0072



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



56.3330, 22.0208, 30.4030



61.5320, 33.7547, 46.8914



56.4730, 9.6268, 39.0502



47.7660, 1.5944, 1.9592



42.7110, 35.6385, 49.3655



89.7800, 75.0445, 103.6789

Inverse Universe

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



52.3690, -6.0979, 42.6494



55.3010, -9.5154, 65.5110



74.5270, -9.6268, -39.0502



47.6090, -0.3002, 2.9739



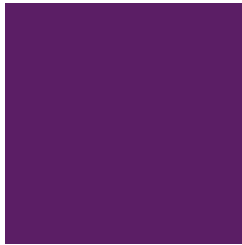
36.2090, -9.9630, 69.0997



76.2340, -20.8214, 145.3768

Previews

White Background



This preview shows how the YUV color 56.3330, 22.0208, 30.4030 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 56.3330, 22.0208, 30.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

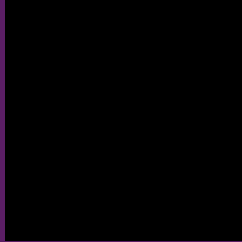
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 56.3330, 22.0208, 30.4030

Background



This preview shows how black text looks on a background with the YUV color 56.3330, 22.0208, 30.4030.



This preview shows how white text looks on a background with the YUV color 56.3330, 22.0208,

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

56.3330, 22.0208, 30.4030

Deuteranopia

55.7430, 19.8467, -19.0686

Tritanopia

58.4050, -4.1437, 22.4468

Trichromacy



Original Color

56.3330, 22.0208, 30.4030

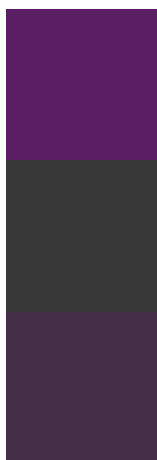
Deuteranomaly

55.7930, 20.8081, -0.6955

Tritanomaly

57.9460, 5.4496, 25.4804

Monochromacy



Original Color

56.3330, 22.0208, 30.4030

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

56.4280, 7.6770, 11.0256

CSS Examples

Text

The CSS property to change the color of the text to YUV 56.3330, 22.0208, 30.4030 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(91, 30, 101)` looks like.

```
.text, #text, p{  
  color:rgb(91, 30, 101)  
}
```

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(91, 30, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 30, 101) }
```

Border

The CSS property to change the border of an element to YUV 56.3330, 22.0208, 30.4030 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(91, 30, 101) }
```

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

```
.border{ border-color:rgb(91, 30, 101) }
```

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

Here you see how a box with a 4 pixel rgb(91, 30, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 30, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 30, 101);  
box-shadow:4px 4px 4px 4px rgb(91, 30,  
101) }
```


Background

The CSS property to change the background color of an element to YUV 56.3330, 22.0208, 30.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 30, 101) }
```

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

```
.background{ background-color: rgb(91, 30,  
101) }
```

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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