

Converting Colors

YUV(33.6610, 27.7751, 4.6823)

Have a look what the booklet for
YUV(33.6610, 27.7751, 4.6823)
contains.

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Color

**YUV(33.6610, 27.7751,
4.6823)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 27145A |
| RGB | 39, 20, 90 |
| RGB Percent | 15%, 8%, 35% |
| CMY | 0.8471, 0.9216, 0.6471 |
| CMYK | 0.57, 0.78, 0.00, 0.65 |
| HSL | 256°, 64%, 22% |
| HSV | 256°, 78%, 35% |
| XYZ | 2.9323, 1.6698, 9.8406 |
| YIQ | 33.6610, -11.1460, 25.7980 |

Conversions

Conversions Part 2

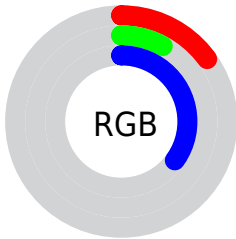
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 39, 20, 90 |
| Decimal | 2561114 |
| CIELab | 13.65, 29.02, -38.63 |
| CIElCh | 14, 48.318, 306.911 |
| Yxy | 1.6698, 0.2030, 0.1156 |
| Android (android.graphics.Color) | 4280751194 (0xFF27145A) |
| YUV | 33.6610, 27.7751, 4.6823 |
| Hunter-Lab | 12.9222, 17.8916, -36.1055 |




Details

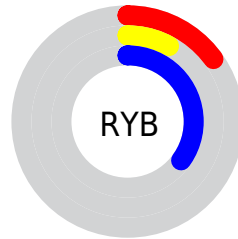
The YUV color **33.6610, 27.7751, 4.6823** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **76.3390, -27.7751, -4.6823**, and the grayscale version is **33.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **81.1390, 29.5115, 7.7711**, and **6.0760, 18.2035, -5.3287** is the 20% darker color. If you saturate the color by 10%, you get **26.2850, 31.4115, 5.0121**, and if you desaturate by 10%, it is **41.0370, 24.1388, 4.3526**.

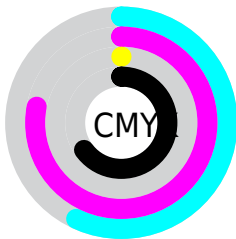
Distribution







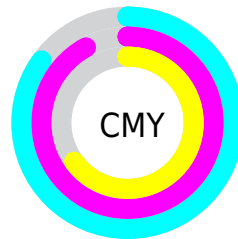
-  Red (15%)
-  Green (8%)
-  Blue (35%)






-  Red (15%)
-  Yellow (8%)
-  Blue (35%)



-  Cyan (57%)
-  Magenta (78%)
-  Yellow (0%)
-  Black (65%)



-  Cyan (85%)
-  Magenta (92%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.6610, 27.7751, 4.6823 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 33.6610, 27.7751, 4.6823 by changing the saturation by 10% instead.

■ 33.6610, 27.7751,
4.6823

■ 33.6610, 27.7751,
4.6823

■ 251.4780, 1.7363,
3.0888

■ 11.4110, 26.9124,
1.3936

■ 81.1390, 29.5115,
7.7711

■ 6.0760, 18.2035,
-5.3287

■ 105.4920, 30.8164,
9.2155

■ 2.9810, 8.8834,
-2.6143

■ 131.3180, 31.3952,
10.2451

■ 0.0000, 0.0000,
0.0000

■ 157.8450, 32.1214,
10.6599

■ 184.7850, 33.1370,
11.5896

■ 210.2340, 22.0696,

14.7038

235.0420, 9.8393,
17.5032

33.6610, 27.7751,
4.6823

33.6610, 27.7751,
4.6823

26.2850, 31.4115,
5.0121

41.0370, 24.1388,
4.3526

19.2080, 34.9005,
5.9566

48.1140, 20.6498,
3.4080

17.4360, 35.7741,
5.7566

55.4900, 17.0134,
3.0783

62.5670, 13.5245,
2.1337

69.9430, 9.8881,
1.8040

■ 77.0200, 6.3991,
0.8595

■ 84.3960, 2.7628,
0.5297

■ 91.4730, -0.7262,
-0.4148

■ 98.8490, -4.3626,
-0.7446

Harmonies

Analogous

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



34.1620, 34.4301, -29.9601



33.6610, 27.7751, 4.6823



30.3900, 15.5837, 41.7540

Triad

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



33.6610, 27.7751, 4.6823



32.3490, -15.9481, 28.6349



32.9640, 4.4547, -28.9094

Complementary

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



33.6610, 27.7751, 4.6823



76.3390, -27.7751, -4.6823

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.



27.7030, -13.1646, -24.2955



33.6610, 27.7751, 4.6823



32.4940, -16.0195, 4.8288

Square

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



33.6610, 27.7751, 4.6823



25.1160, -12.3822, 51.6413



25.2410, -12.4438, -22.1364



36.7260, 18.8691, -32.2087

Rectangle

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



33.6610, 27.7751, 4.6823



30.8720, 4.5001, 50.1013



25.2410, -12.4438, -22.1364



31.5960, -0.7868, -27.7097

Sweetspot

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



33.6610, 27.7751, 4.6823



95.4700, 10.6143, 2.2188



57.9170, 15.8169, -33.2532



45.4330, 6.6885, 1.3743



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



33.6610, 27.7751, 4.6823



29.3960, 43.1888, 7.5457



44.1260, 22.6159, 26.1995



42.1680, 1.8892, 0.7297



21.5100, 43.6256, 7.4457



46.1540, 94.0871, 15.6509

Inverse Universe

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



46.7440, 11.9582, 37.9355



49.7110, 18.8765, 59.0125



65.8740, -22.6159, -26.1995



42.9510, 1.0102, 2.6740



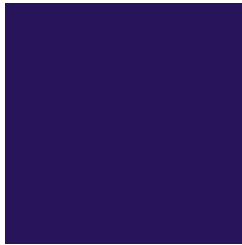
42.0100, 18.7291, 59.6272



90.5850, 40.6306, 128.4060

Previews

White Background



This preview shows how the YUV color 33.6610, 27.7751, 4.6823 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 33.6610, 27.7751, 4.6823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

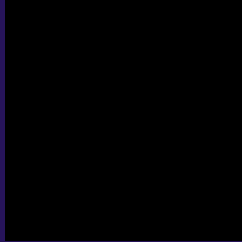
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.6610, 27.7751, 4.6823

Background



This preview shows how black text looks on a background with the YUV color 33.6610, 27.7751, 4.6823.



This preview shows how white text looks on a background with the YUV color 33.6610, 27.7751,

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

33.6610, 27.7751, 4.6823

Protanopia

28.8670, 21.7576, -25.3164

Deuteranopia

28.9010, 16.8108, -25.3462



Tritanopia

33.9600, 3.9637, -11.3659

Trichromacy



Original Color

33.6610, 27.7751, 4.6823

Protanomaly

30.8020, 23.7616, -14.7354

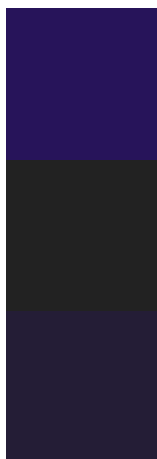
Deuteranomaly

30.7050, 20.8514, -14.6503

Tritanomaly

33.8820, 12.3832, -5.1585

Monochromacy



Original Color

33.6610, 27.7751, 4.6823

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.9430, 9.8881, 1.8040

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.6610, 27.7751, 4.6823 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(39, 20, 90)` looks like.

```
.text, #text, p{  
    color:rgb(39, 20, 90)  
}
```

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(39, 20, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 20, 90) }
```

Border

The CSS property to change the border of an element to YUV 33.6610, 27.7751, 4.6823 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(39, 20, 90) }
```


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

```
.border{ border-color:rgb(39, 20, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 20, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 20, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 20, 90);  
box-shadow:4px 4px 4px 4px rgb(39, 20, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.6610, 27.7751, 4.6823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 20, 90) }
```

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

```
.background{ background-color: rgb(39, 20,  
90) }
```

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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