

Converting Colors

YUV(33.3620, 27.9225, 4.0675)

Have a look what the booklet for
YUV(33.3620, 27.9225, 4.0675)
contains.

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Color

**YUV(33.3620, 27.9225,
4.0675)**

Conversions

Conversions Part 1	
Format	Color
Hex	26145A
RGB	38, 20, 90
RGB Percent	15%, 8%, 35%
CMY	0.8510, 0.9216, 0.6471
CMYK	0.58, 0.78, 0.00, 0.65
HSL	255°, 64%, 22%
HSV	255°, 78%, 35%
XYZ	2.8949, 1.6506, 9.8389
YIQ	33.3620, -11.7420, 25.5860

Conversions

Conversions Part 2

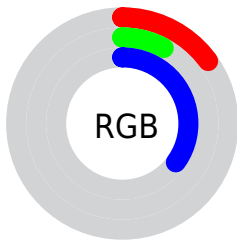
Format	Color
RYB	38, 20, 90
Decimal	2495578
CIELab	13.53, 28.84, -38.83
CIELCh	14, 48.367, 306.608
Yxy	1.6506, 0.2013, 0.1147
Android (android.graphics.Color)	4280685658 (0xFF26145A)
YUV	33.3620, 27.9225, 4.0675
Hunter-Lab	12.8474, 17.7389, -36.4125

Details

The YUV color **33.3620, 27.9225, 4.0675** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **76.6380, -27.9225, -4.0675**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.2530, 29.9483, 7.6711**, and **6.0760, 18.2035, -5.3287** is the 20% darker color. If you saturate the color by 10%, you get **25.9860, 31.5589, 4.3973**, and if you desaturate by 10%, it is **40.7380, 24.2862, 3.7378**.

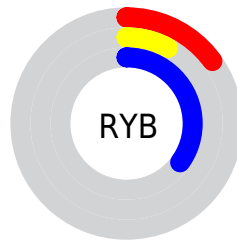
Distribution



Red (15%)

Green (8%)

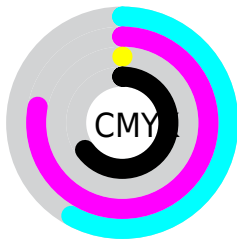
Blue (35%)



Red (15%)

Yellow (8%)

Blue (35%)

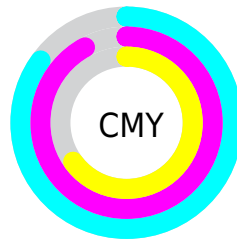


Cyan (58%)

Magenta (78%)

Yellow (0%)

Black (65%)



Cyan (85%)


Magenta (92%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YUV color 33.3620, 27.9225, 4.0675 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 33.3620, 27.9225, 4.0675 by changing the saturation by 10% instead.


 33.3620, 27.9225,
4.0675


 33.3620, 27.9225,
4.0675


 251.4780, 1.7363,
3.0888


 11.1120, 27.0598,
0.7788


 80.2530, 29.9483,
7.6711


 6.0760, 18.2035,
-5.3287


 105.4920, 30.8164,
9.2155

 2.9810, 8.8834,
-2.6143

 131.0190, 31.5426,
9.6303

 0.0000, 0.0000,
0.0000


 157.8450, 32.1214,
10.6599


 184.7850, 33.1370,
11.5896


 209.9350, 22.2170,


14.0890


 235.0420, 9.8393,
17.5032


 33.3620, 27.9225,
4.0675


 33.3620, 27.9225,
4.0675


 25.9860, 31.5589,
4.3973


 40.7380, 24.2862,
3.7378


 18.9090, 35.0479,
5.3418

 47.8150, 20.7972,
2.7932

 17.1370, 35.9215,
5.1419

 55.1910, 17.1608,
2.4635

 62.5670, 13.5245,
2.1337

 69.6440, 10.0355,
1.1892

■ 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



33.3620, 27.9225, 4.0675



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.



33.3620, 27.9225, 4.0675



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.



33.3620, 27.9225, 4.0675



76.6380, -27.9225, -4.0675

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.



27.0020, -13.3120, -23.6808



33.3620, 27.9225, 4.0675



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.



33.3620, 27.9225, 4.0675



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.



33.3620, 27.9225, 4.0675



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.



33.3620, 27.9225, 4.0675



95.1710, 10.7617, 1.6040



59.0910, 15.2381, -34.2828



45.1340, 6.8359, 0.7595



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.



33.3620, 27.9225, 4.0675



28.7980, 43.4836, 6.3162



43.8270, 22.7633, 25.5847



41.8690, 2.0366, 0.1149



20.9120, 43.9204, 6.2162



45.2570, 94.5293, 13.8066

Inverse Universe

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



46.8580, 12.3950, 37.8355



49.8250, 19.3133, 58.9125



66.1730, -22.7633, -25.5847



42.9510, 1.0102, 2.6740



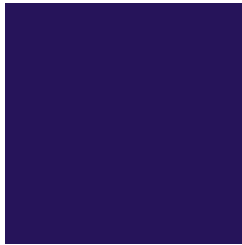
42.1240, 19.1659, 59.5273



90.9270, 41.9410, 128.1060

Previews

White Background



This preview shows how the YUV color 33.3620, 27.9225, 4.0675 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 33.3620, 27.9225, 4.0675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

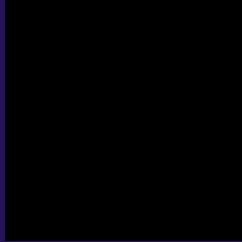
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.3620, 27.9225, 4.0675

Background



This preview shows how black text looks on a background with the YUV color 33.3620, 27.9225, 4.0675.



This preview shows how white text looks on a background with the YUV color 33.3620, 27.9225,

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

33.3620, 27.9225, 4.0675

Protanopia

28.8670, 21.7576, -25.3164

Deuteranopia

28.7870, 16.3740, -25.2462



Tritanopia

33.0630, 4.4059, -13.2103

Trichromacy



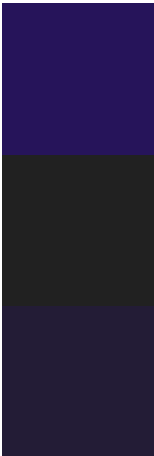
Original Color
33.3620, 27.9225, 4.0675

Protanomaly
30.8020, 23.7616, -14.7354

Deuteranomaly
30.5910, 20.4146, -14.5503

Tritanomaly
32.9850, 12.8254, -7.0028

Monochromacy



Original Color
33.3620, 27.9225, 4.0675

Achromatopsia
33.0000, 0.0000, 0.0000

Achromatomaly
33.0570, 10.3249, 1.7040

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.3620, 27.9225, 4.0675 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(38, 20, 90)` looks like.

```
.text, #text, p{  
    color:rgb(38, 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(38, 20, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 20, 90) }
```

Border

The CSS property to change the border of an element to YUV 33.3620, 27.9225, 4.0675 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(38, 20, 90) }
```


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

```
.border{ border-color:rgb(38, 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(38, 20, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 20, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 20, 90);  
box-shadow:4px 4px 4px 4px rgb(38, 20, 90)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.3620, 27.9225, 4.0675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 20, 90) }
```

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

```
.background{ background-color: rgb(38, 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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