

Converting Colors

XYZ(36.3268, 27.9665, 20.6230)

Have a look what the booklet for
XYZ(36.3268, 27.9665, 20.6230)
contains.

XYZ(36.3268, 27.9665, 20.6230)	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

**XYZ(36.3268, 27.9665,
20.6230)**

Conversions

Conversions Part 1

Format	Color
Hex	D27676
RGB	210, 118, 118
RGB Percent	82%, 46%, 46%
CMY	0.1765, 0.5372, 0.5373
CMYK	0.00, 0.44, 0.44, 0.18
HSL	0°, 51%, 64%
HSV	0°, 44%, 82%
XYZ	36.3268, 27.9665, 20.6230
YIQ	145.5080, 54.8320, 19.5040

Conversions

Conversions Part 2

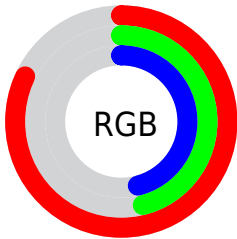
Format	Color
R _Y B	210, 118, 118
Decimal	13792886
CIE Lab	59.86, 35.88, 15.93
CIE LCh	60, 39.257, 23.945
Yxy	27.9665, 0.4278, 0.3293
Android (android.graphics.Color)	4291982966 (0xFFD27676)
YUV	145.5080, -13.5614, 56.5595
Hunter-Lab	52.8834, 30.0699, 13.8969

Details

The XYZ color **36.3268, 27.9665, 20.6230** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **42.1495, 54.5954, 69.2892**, and the grayscale version is **27.1591, 28.5735, 31.1165**.

A 20% lighter version of the original color is **63.2482, 53.6673, 45.0555**, and **16.0615, 11.1319, 7.0965** is the 20% darker color. If you saturate the color by 10%, you get **33.0114, 23.1154, 14.0313**, and if you desaturate by 10%, it is **40.4719, 34.0324, 28.8623**.

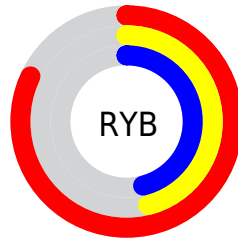
Distribution



Red (82%)

Green (46%)

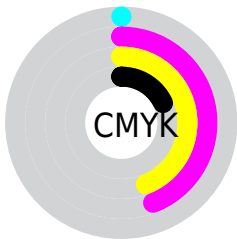
Blue (46%)



Red (82%)

Yellow (46%)

Blue (46%)

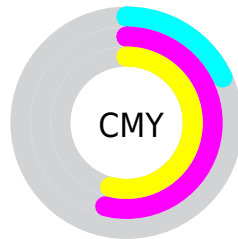


Cyan (0%)

Magenta (44%)

Yellow (44%)

Black (18%)



Cyan (18%)


Magenta (54%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3268, 27.9665, 20.6230 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 XYZ color 36.3268, 27.9665, 20.6230 by changing the saturation by 10% instead.


 36.3268, 27.9665,
20.6230


 36.3268, 27.9665,
20.6230


321.7931,
292.3068, 267.9830


 24.8580, 18.3004,
12.6602


 68.8568, 56.4310,
45.3319

 16.0994, 11.1659,
7.0670


 90.6486, 75.9981,
62.9150

 9.6858, 6.1785,
3.4249


 116.6121, 99.6344,
84.5419

 5.2518, 2.9539,
1.3155

147.1128,
127.7242, 110.6312

 2.4320, 1.1077,
0.0744

182.5158,
160.6520, 141.6015

 0.8611, 0.0000,
0.0000

223.1866,

 0.0000, 0.0000,

198.8021, 177.8711

0.0000

269.4906,
242.5589, 219.8588

■ 36.3268, 27.9665,
20.6230

■ 36.3268, 27.9665,
20.6230

■ 33.0114, 23.1154,
14.0313

■ 40.4719, 34.0324,
28.8623

■ 30.4679, 19.3935,
8.9751

■ 45.4950, 41.3826,
38.8479

■ 28.6346, 16.7107,
5.3308


■ 51.4433, 50.0866,
50.6729


■ 27.4394, 14.9618,
2.9551

■ 58.3599, 60.2076,
64.4230

■ 26.7950, 14.0188,
1.6745

■ 66.2855, 71.8049,
80.1788

 26.5784, 13.7019,
1.2439

 75.2580, 84.9342,
98.0161

 80.3883, 92.4416,
108.2138

Harmonies

Analogous

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



37.2840, 27.9665, 33.4359



36.3268, 27.9665, 20.6230



32.6240, 27.9665, 13.2274

Triad

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



36.3268, 27.9665, 20.6230



19.5681, 27.9665, 16.9955



25.5841, 27.9665, 66.6658

Complementary

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



36.3268, 27.9665, 20.6230



42.1495, 54.5954, 69.2892

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.



21.3351, 27.9665, 58.4324



36.3268, 27.9665, 20.6230



18.1520, 27.9665, 27.6488

Square

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



36.3268, 27.9665, 20.6230



22.8819, 27.9665, 11.6367



18.7561, 27.9665, 42.9898



30.6594, 27.9665, 63.0138

Rectangle

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



36.3268, 27.9665, 20.6230



29.3181, 27.9665, 10.9704



18.7561, 27.9665, 42.9898



24.0204, 27.9665, 65.1324

Sweetspot

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



36.3275, 27.9679, 20.6235



80.4866, 78.6897, 79.9484



44.6897, 31.3119, 64.6611



16.7544, 16.1506, 16.1719



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



36.3275, 27.9679, 20.6235



51.3204, 36.0111, 21.9676



43.1239, 41.5607, 22.8890



11.8088, 11.8084, 12.2689



16.2125, 8.3580, 0.7588



0.9065, 0.4674, 0.0424

Inverse Universe

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



42.1495, 54.5954, 69.2892



61.5326, 82.7177, 107.3307



32.3797, 35.0558, 66.0326



12.1584, 13.4070, 15.1907



21.1523, 30.9512, 42.0518



1.1827, 1.7306, 2.3513

Previews

White Background



This preview shows how the XYZ color 36.3268, 27.9665, 20.6230 looks on a white 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

Black Background



This preview shows how the XYZ color 36.3268, 27.9665, 20.6230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

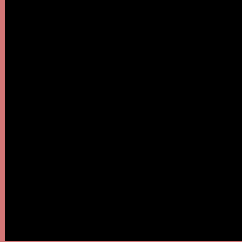
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.3268, 27.9665, 20.6230

Background



This preview shows how black text looks on a background with the XYZ color 36.3268, 27.9665, 20.6230.



This preview shows how white text looks on a background with the XYZ color 36.3268, 27.9665,

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

36.3268, 27.9665, 20.6230

Protanopia

26.6477, 28.0692, 25.4862

Deuteranopia

28.6321, 28.1152, 19.8373



Tritanopia

36.9269, 28.0521, 22.8704

Trichromacy



Original Color

36.3268, 27.9665, 20.6230

Protanomaly

29.4431, 27.6050, 23.5151

Deuteranomaly

30.9780, 27.6608, 19.9260

Tritanomaly

36.7381, 27.9766, 21.8761

Monochromacy



Original Color

36.3268, 27.9665, 20.6230

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.6103, 27.8209, 27.1019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3268, 27.9665, 20.6230 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(210, 118, 118)` looks like.

```
.text, #text, p{  
    color:rgb(210, 118, 118)  
}
```

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(210, 118, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 118, 118) }
```

Border

The CSS property to change the border of an element to XYZ 36.3268, 27.9665, 20.6230 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(210, 118, 118) }
```


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

```
.border{ border-color:rgb(210, 118, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 118, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 118, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 118, 118);  
box-shadow:4px 4px 4px 4px rgb(210, 118,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3268, 27.9665, 20.6230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 118, 118) }
```

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

```
.background{ background-color: rgb(210,  
118, 118) }
```

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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