

Converting Colors

XYZ(27.2574, 28.1233, 32.9945)

Have a look what the booklet for
XYZ(27.2574, 28.1233, 32.9945)
contains.

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Color

**XYZ(27.3323, 28.2595,
32.8682)**

Conversions

Conversions Part 1

Format	Color
Hex	929096
RGB	146, 144, 150
RGB Percent	57%, 56%, 59%
CMY	0.4274, 0.4353, 0.4118
CMYK	0.03, 0.04, 0.00, 0.41
HSL	260°, 3%, 58%
HSV	260°, 4%, 59%
XYZ	27.3323, 28.2595, 32.8682
YIQ	145.2820, -0.7340, 2.2900

Conversions

Conversions Part 2

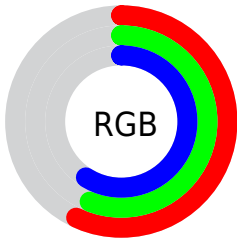
Format	Color
R _Y B	146, 144, 150
Decimal	9605270
CIE Lab	60.12, 1.91, -2.92
CIE LCh	60, 3.489, 303.244
Yxy	28.2595, 0.3090, 0.3195
Android (android.graphics.Color)	4287795350 (0xFF929096)
YUV	145.2820, 2.3260, 0.6297
Hunter-Lab	53.1597, -1.2528, 0.5532

Details

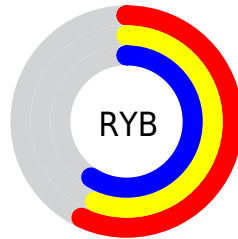
The XYZ color **27.3323, 28.2595, 32.8682** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.1542, 30.1230, 30.7174**, and the grayscale version is **27.0200, 28.4272, 30.9572**.

A 20% lighter version of the original color is **54.9126, 57.0272, 65.2399**, and **11.0787, 11.3931, 13.4195** is the 20% darker color. If you saturate the color by 10%, you get **23.5086, 23.1374, 32.0815**, and if you desaturate by 10%, it is **31.6152, 34.0680, 33.7641**.

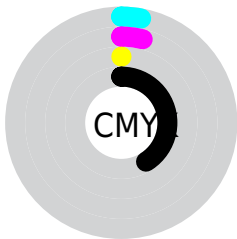
Distribution



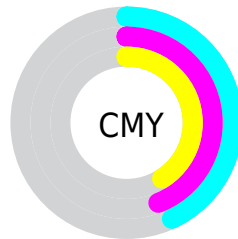
- Red (57%)
- Green (56%)
- Blue (59%)



- Red (57%)
- Yellow (56%)
- Blue (59%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (41%)



- Cyan (43%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3323, 28.2595, 32.8682 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 27.3323, 28.2595, 32.8682 by changing the saturation by 10% instead.

■ 27.3323, 28.2595,
32.8682

■ 27.3323, 28.2595,
32.8682

281.4008,
293.7048, 329.6692

■ 17.9608, 18.5214,
21.7552

■ 54.8328, 56.8985,
65.2833

■ 11.0214, 11.3249,
13.4805

■ 73.6925, 76.5681,
87.4226

■ 6.1486, 6.2858,
7.6257

96.4457, 100.3170,
114.0743

■ 2.9772, 3.0197,
3.7721

123.4576,
128.5297, 145.6570

■ 1.1417, 1.1420,
1.5011

155.0938,
161.5903, 182.5894

■ 0.0596, 0.0136,
0.2188

191.7194,

■ 0.0000, 0.0000,

199.8835, 225.2898

0.0000

233.7000,
243.7935, 274.1769

■ 27.3323, 28.2595,
32.8682

■ 27.3323, 28.2595,
32.8682

■ 23.5086, 23.1374,
32.0815

■ 31.6152, 34.0680,
33.7641

■ 20.1258, 18.6724,
31.3980

■ 36.3699, 40.5837,
34.7711

■ 17.1680, 14.8385,
30.8138

■ 41.6113, 47.8307,
35.8937

■ 14.6174, 11.6063,
30.3244

■ 47.3533, 55.8312,
37.1353

■ 12.4550, 8.9443,
29.9245

■ 53.6088, 64.6061,
38.4993

■ 10.6597, 6.8178,
29.6087

■ 60.3906, 74.1759,
39.9890

■ 9.2087, 5.1885,
29.3707

■ 67.7108, 84.5600,
41.6075

■ 8.0761, 4.0124,
29.2034

■ 72.6409, 89.8969,
42.3778

■ 7.2314, 3.2371,
29.0982

■ 75.8712, 91.5621,
42.5290

Harmonies

Analogous

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



26.9083, 28.2595, 33.2855



27.3323, 28.2595, 32.8682



27.6322, 28.2595, 31.8879

Triad

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



27.3323, 28.2595, 32.8682



27.2474, 28.2595, 28.6301



26.0133, 28.2595, 30.9089

Complementary

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



27.3323, 28.2595, 32.8682



28.1542, 30.1230, 30.7174

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.



26.1019, 28.2595, 29.6782



27.3323, 28.2595, 32.8682



26.8113, 28.2595, 28.3841

Square

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



27.3323, 28.2595, 32.8682



27.5829, 28.2595, 29.4440



26.3928, 28.2595, 28.7627



26.1495, 28.2595, 32.1348

Rectangle

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



27.3323, 28.2595, 32.8682



27.7198, 28.2595, 31.0594



26.3928, 28.2595, 28.7627



26.0178, 28.2595, 30.4820

Sweetspot

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



27.3331, 28.2607, 32.8688



50.4014, 52.7976, 58.4558



27.6132, 29.3434, 33.0630



11.1802, 11.7149, 12.9568



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



27.3331, 28.2607, 32.8688



47.4546, 48.8201, 57.8433



27.8553, 28.5299, 32.8933



5.9920, 6.1526, 7.3415



5.6861, 2.4039, 24.0953



0.0984, 0.0443, 0.2963

Inverse Universe

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



27.8972, 28.5700, 32.0627



48.7172, 49.5124, 56.0333



27.6360, 29.8558, 30.6932



6.1652, 6.2476, 7.0930



12.3565, 6.1477, 10.6243



0.1649, 0.0807, 0.2022

Previews

White Background



This preview shows how the XYZ color 27.3323, 28.2595, 32.8682 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 27.3323, 28.2595, 32.8682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

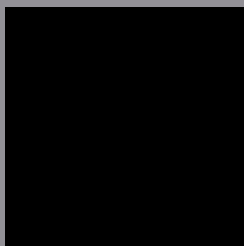
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

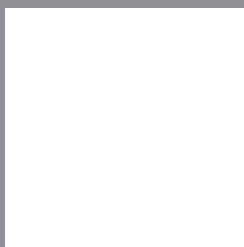
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3323, 28.2595, 32.8682

Background



This preview shows how black text looks on a background with the XYZ color 27.3323, 28.2595, 32.8682.



This preview shows how white text looks on a background with the XYZ color 27.3323, 28.2595,

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

27.3323, 28.2595, 32.8682

Protanopia

27.3323, 28.2595, 32.8682

Deuteranopia

28.6743, 28.0585, 33.1827



Tritanopia

27.7715, 28.2145, 34.9926

Trichromacy



Original Color

27.3323, 28.2595, 32.8682

Protanomaly

27.3323, 28.2595, 32.8682

Deuteranomaly

28.0597, 27.9595, 33.1960

Tritanomaly

27.6049, 28.1479, 34.1151

Monochromacy



Original Color

27.3323, 28.2595, 32.8682

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.0689, 28.3771, 31.6544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3323, 28.2595, 32.8682 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(146, 144, 150)` looks like.

```
.text, #text, p{  
    color:rgb(146, 144, 150)  
}
```

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(146, 144, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 144, 150) }
```

Border

The CSS property to change the border of an element to XYZ 27.3323, 28.2595, 32.8682 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(146, 144, 150) }
```


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

```
.border{ border-color:rgb(146, 144, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 144, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 144, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 144, 150);  
box-shadow:4px 4px 4px 4px rgb(146, 144,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3323, 28.2595, 32.8682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 144, 150) }
```

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

```
.background{ background-color: rgb(146,  
144, 150) }
```

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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