

Converting Colors

XYZ(28.9361, 30.7953, 34.3391)

Have a look what the booklet for
XYZ(28.9361, 30.7953, 34.3391)
contains.

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Color

**XYZ(28.7667, 30.6033,
34.0966)**

Conversions

Conversions Part 1

Format	Color
Hex	939798
RGB	147, 151, 152
RGB Percent	58%, 59%, 60%
CMY	0.4235, 0.4078, 0.4039
CMYK	0.03, 0.01, 0.00, 0.40
HSL	192°, 2%, 59%
HSV	192°, 3%, 60%
XYZ	28.7667, 30.6033, 34.0966
YIQ	149.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

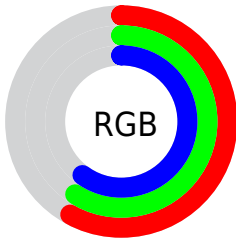
Format	Color
R_{YB}	147, 149, 152
Decimal	9672600
CIE _{Lab}	62.17, -1.24, -1.04
CIE _{LCh}	62, 1.619, 219.820
Yxy	30.6033, 0.3078, 0.3274
Android (android.graphics.Color)	4287862680 (0xFF939798)
YUV	149.9180, 1.0264, -2.5591
Hunter-Lab	55.3202, -3.9899, 2.1808

Details

The XYZ color **28.7667, 30.6033, 34.0966** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.8052, 29.9613, 31.8690**, and the grayscale version is **28.9520, 30.4598, 33.1707**.

A 20% lighter version of the original color is **57.0593, 60.5364, 67.0699**, and **11.7300, 12.5407, 14.1143** is the 20% darker color. If you saturate the color by 10%, you get **25.7378, 28.3277, 33.8175**, and if you desaturate by 10%, it is **32.1701, 33.0923, 34.3981**.

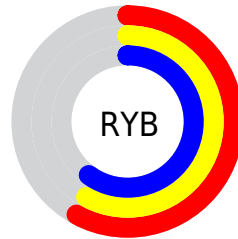
Distribution



Red (58%)

Green (59%)

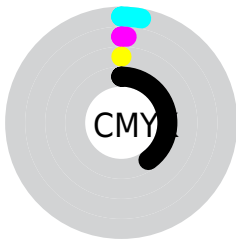
Blue (60%)



Red (58%)

Yellow (58%)

Blue (60%)

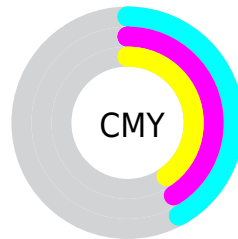


Cyan (3%)

Magenta (1%)

Yellow (0%)

Black (40%)



Cyan (42%)

Magenta (41%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7667, 30.6033, 34.0966 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 28.7667, 30.6033, 34.0966 by changing the saturation by 10% instead.

■ 28.7667, 30.6033,
34.0966

■ 28.7667, 30.6033,
34.0966

288.1267,
304.7065, 335.3449

■ 19.0478, 20.2970,
22.6899

■ 57.1063, 60.6150,
67.2195

■ 11.8090, 12.6111,
14.1615

■ 76.4578, 81.0891,
89.7727

■ 6.6850, 7.1613,
8.0931

99.7508, 105.7212,
116.8785

■ 3.3105, 3.5632,
4.0659

127.3507,
134.8958, 148.9554

■ 1.3200, 1.4323,
1.6616

159.6229,
168.9973, 186.4219

■ 0.1981, 0.2404,
0.3342

196.9327,

■ 0.0000, 0.0000,

208.4099, 229.6967

0.0000

239.6455,
253.5182, 279.1981

■ 28.7667, 30.6033,
34.0966

■ 28.7667, 30.6033,
34.0966

■ 25.7378, 28.3277,
33.8175

■ 32.1701, 33.0923,
34.3981

■ 23.0666, 26.2542,
33.5580

■ 35.9587, 35.7977,
34.7206

■ 20.7390, 24.3761,
33.3182

■ 40.1461, 38.7277,
35.0655

■ 18.7389, 22.6851,
33.0972

■ 44.7443, 41.8884,
35.4332

■ 17.0488, 21.1720,
32.8942

■ 49.7648, 45.2860,
35.8244

■ 15.6497, 19.8267,
32.7083

■ 55.2188, 48.9264,
36.2396

■ 14.5202, 18.6383,
32.5385

■ 61.1169, 52.8151,
36.6793

■ 13.6360, 17.5939,
32.3835

■ 62.2871, 54.2861,
36.9016

■ 12.9681, 16.6786,
32.2420

■ 62.8849, 55.4816,
37.1008

Harmonies

Analogous

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



28.6764, 30.6033, 33.5270



28.7667, 30.6033, 34.0966



28.9431, 30.6033, 34.4615

Triad

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



28.7667, 30.6033, 34.0966



29.4828, 30.6033, 33.7377



29.0161, 30.6033, 32.1526

Complementary

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



28.7667, 30.6033, 34.0966



28.8052, 29.9613, 31.8690

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.



29.2324, 30.6033, 32.2075



28.7667, 30.6033, 34.0966



29.5026, 30.6033, 33.1174

Square

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



28.7667, 30.6033, 34.0966



29.3568, 30.6033, 34.2525



29.4107, 30.6033, 32.5588



28.8199, 30.6033, 32.4081

Rectangle

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



28.7667, 30.6033, 34.0966



29.0862, 30.6033, 34.5369



29.4107, 30.6033, 32.5588



29.0888, 30.6033, 32.1355

Sweetspot

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



28.7676, 30.6046, 34.0973



52.0817, 54.9831, 60.3015



28.5999, 30.7954, 32.4195



11.8457, 12.5030, 13.7065



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



28.7676, 30.6046, 34.0973



50.3318, 53.6893, 60.1440



28.3821, 29.8337, 33.9688



6.6114, 7.0653, 7.9443



10.5772, 13.5511, 26.9659



0.1818, 0.2500, 0.4110

Inverse Universe

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



28.9692, 29.7777, 33.5006



50.7714, 51.8918, 58.8418



29.1887, 30.7283, 31.9968



6.6770, 6.7977, 7.7498



13.7977, 6.7733, 15.9914



0.2182, 0.1060, 0.3021

Previews

White Background



This preview shows how the XYZ color 28.7667, 30.6033, 34.0966 looks on a white 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

Black Background



This preview shows how the XYZ color 28.7667, 30.6033, 34.0966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

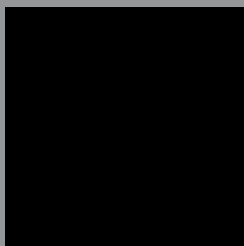
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.7667, 30.6033, 34.0966

Background



This preview shows how black text looks on a background with the XYZ color 28.7667, 30.6033, 34.0966.



This preview shows how white text looks on a background with the XYZ color 28.7667, 30.6033,

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

28.7667, 30.6033, 34.0966

Protanopia

29.2823, 30.4047, 33.6035

Deuteranopia

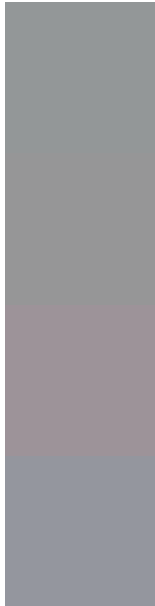
30.9794, 30.3372, 34.3599



Tritanopia

29.7338, 30.7755, 38.0913

Trichromacy



Original Color

28.7667, 30.6033, 34.0966

Protanomaly

29.0699, 30.5311, 33.6391

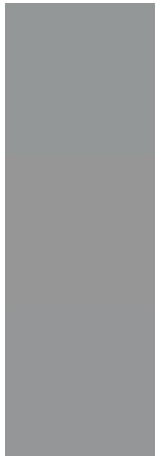
Deuteranomaly

30.0881, 30.3354, 34.4065

Tritanomaly

29.2906, 30.5772, 36.7060

Monochromacy



Original Color

28.7667, 30.6033, 34.0966

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.8867, 30.4366, 33.6305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7667, 30.6033, 34.0966 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(147, 151, 152)` looks like.

```
.text, #text, p{  
    color:rgb(147, 151, 152)  
}
```

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(147, 151, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 151, 152) }
```

Border

The CSS property to change the border of an element to XYZ 28.7667, 30.6033, 34.0966 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(147, 151, 152) }
```


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

```
.border{ border-color:rgb(147, 151, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 151, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 151, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 151, 152);  
box-shadow:4px 4px 4px 4px rgb(147, 151,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7667, 30.6033, 34.0966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 151, 152) }
```

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

```
.background{ background-color: rgb(147,  
151, 152) }
```

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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