

Converting Colors

XYZ(29.9496, 30.9635, 36.6257)

Have a look what the booklet for
XYZ(29.9496, 30.9635, 36.6257)
contains.

XYZ(30.0268, 30.9567, 36.7404)	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(30.0268, 30.9567,
36.7404)**

Conversions

Conversions Part 1

Format	Color
Hex	98969E
RGB	152, 150, 158
RGB Percent	60%, 59%, 62%
CMY	0.4039, 0.4118, 0.3804
CMYK	0.04, 0.05, 0.00, 0.38
HSL	255°, 4%, 60%
HSV	255°, 5%, 62%
XYZ	30.0268, 30.9567, 36.7404
YIQ	151.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

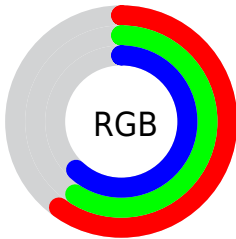
Format	Color
RYB	152, 150, 158
Decimal	10000030
CIELab	62.47, 2.30, -3.94
CIELCh	62, 4.563, 300.216
Yxy	30.9567, 0.3073, 0.3168
Android (android.graphics.Color)	4288190110 (0xFF98969E)
YUV	151.5100, 3.1996, 0.4297
Hunter-Lab	55.6387, -1.0359, -0.2043

Details

The XYZ color **30.0268, 30.9567, 36.7404** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.4433, 33.7244, 33.7079**, and the grayscale version is **29.6219, 31.1645, 33.9382**.

A 20% lighter version of the original color is **59.0567, 61.1116, 71.6339**, and **12.4825, 12.7519, 15.7134** is the 20% darker color. If you saturate the color by 10%, you get **25.5650, 25.1635, 35.8578**, and if you desaturate by 10%, it is **35.0521, 37.5468, 37.7480**.

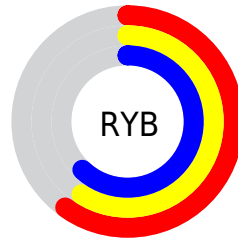
Distribution



Red (60%)

Green (59%)

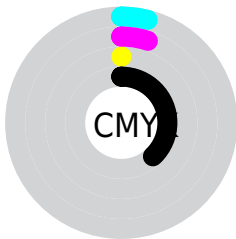
Blue (62%)



Red (60%)

Yellow (59%)

Blue (62%)

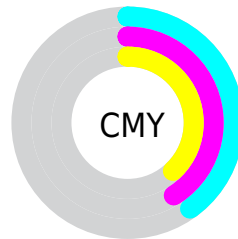


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (38%)



Cyan (40%)

Magenta (41%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0268, 30.9567, 36.7404 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 30.0268, 30.9567, 36.7404 by changing the saturation by 10% instead.

■ 30.0268, 30.9567,
36.7404

■ 30.0268, 30.9567,
36.7404

293.9369,
306.3388, 347.3200

■ 20.0071, 20.5659,
24.7123

■ 59.0909, 61.1719,
71.3552

■ 12.5085, 12.8070,
15.6458

■ 78.8660, 81.7651,
94.7790

■ 7.1656, 7.2958,
9.1222

102.6236,
106.5278, 122.8385

■ 3.6132, 3.6478,
4.7231

130.7291,
135.8445, 155.9522

■ 1.4857, 1.4786,
2.0298

163.5479,
170.0995, 194.5387

■ 0.3161, 0.2736,
0.5735

201.4452,

■ 0.0000, 0.0000,

209.6773, 239.0165

0.0000

244.7864,
254.9623, 289.8040

■ 30.0268, 30.9567,
36.7404

■ 30.0268, 30.9567,
36.7404

■ 25.5650, 25.1635,
35.8578

■ 35.0521, 37.5468,
37.7480

■ 21.6441, 20.1328,
35.0935

■ 40.6571, 44.9586,
38.8832

■ 18.2438, 15.8337,
34.4429

■ 46.8609, 53.2206,
40.1510

■ 15.3413, 12.2316,
33.9006

■ 53.6807, 62.3588,
41.5554

■ 12.9124, 9.2888,
33.4606

■ 61.1330, 72.3981,
43.1004

■ 10.9306, 6.9644,
33.1164

■ 69.2338, 83.3624,
44.7898

■ 9.3666, 5.2125,
32.8606

■ 76.1844, 91.6466,
46.0224

■ 8.1874, 3.9806,
32.6850

■ 80.2290, 93.7317,
46.2117

■ 7.3527, 3.2032,
32.5790

■ 83.1716, 95.2487,
46.3494

Harmonies

Analogous

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



29.4279, 30.9567, 37.2333



30.0268, 30.9567, 36.7404



30.4691, 30.9567, 35.4292

Triad

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



30.0268, 30.9567, 36.7404



30.0189, 30.9567, 30.8324



28.2486, 30.9567, 33.7195

Complementary

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



30.0268, 30.9567, 36.7404



31.4433, 33.7244, 33.7079

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.



28.4019, 30.9567, 32.0407



30.0268, 30.9567, 36.7404



29.4189, 30.9567, 30.4099

Square

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



30.0268, 30.9567, 36.7404



30.4645, 30.9567, 32.0192



28.8282, 30.9567, 30.8446



28.4063, 30.9567, 35.4523

Rectangle

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



30.0268, 30.9567, 36.7404



30.6126, 30.9567, 34.2894



28.8282, 30.9567, 30.8446



28.2654, 30.9567, 33.1304

Sweetspot

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



30.0277, 30.9580, 36.7411



57.1781, 59.6809, 67.2494



30.6611, 32.7753, 37.0585



12.9147, 13.4864, 15.1661



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.0277, 30.9580, 36.7411



53.6265, 55.0410, 66.5410



30.7634, 31.3373, 36.7755



6.7235, 6.8903, 8.3823



5.6589, 2.3463, 26.0619



0.1362, 0.0600, 0.4676

Inverse Universe

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



31.0087, 31.4835, 35.8966



55.7671, 56.1877, 64.6903



30.7068, 33.3447, 33.6734



7.0085, 7.0430, 8.1355



13.9538, 6.8861, 14.5396



0.2651, 0.1294, 0.3423

Previews

White Background



This preview shows how the XYZ color 30.0268, 30.9567, 36.7404 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 30.0268, 30.9567, 36.7404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

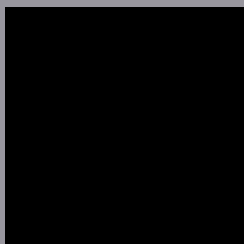
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

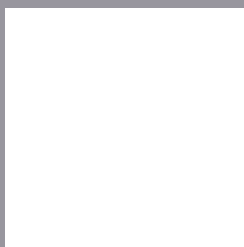
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0268, 30.9567, 36.7404

Background



This preview shows how black text looks on a background with the XYZ color 30.0268, 30.9567, 36.7404.



This preview shows how white text looks on a background with the XYZ color 30.0268, 30.9567,

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

30.0268, 30.9567, 36.7404

Protanopia

30.0268, 30.9567, 36.7404

Deuteranopia

31.5920, 31.0520, 37.1294



Tritanopia

30.3173, 30.8404, 38.0731

Trichromacy



Original Color

30.0268, 30.9567, 36.7404

Protanomaly

30.0268, 30.9567, 36.7404

Deuteranomaly

30.9485, 30.9521, 37.1441

Tritanomaly

30.2295, 30.8053, 37.6105

Monochromacy



Original Color

30.0268, 30.9567, 36.7404

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.8482, 31.1417, 35.0096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0268, 30.9567, 36.7404 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(152, 150, 158)` looks like.

```
.text, #text, p{  
    color:rgb(152, 150, 158)  
}
```

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(152, 150, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 150, 158) }
```

Border

The CSS property to change the border of an element to XYZ 30.0268, 30.9567, 36.7404 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(152, 150, 158) }
```


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

```
.border{ border-color:rgb(152, 150, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 150, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 150, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 150, 158);  
box-shadow:4px 4px 4px 4px rgb(152, 150,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0268, 30.9567, 36.7404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 150, 158) }
```

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

```
.background{ background-color: rgb(152,  
150, 158) }
```

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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