

Converting Colors

XYZ(30.6507, 32.9945, 36.2689)

Have a look what the booklet for
XYZ(30.6507, 32.9945, 36.2689)
contains.

XYZ(30.6354, 32.9983, 36.2071)	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(30.6354, 32.9983,
36.2071)**

Conversions

Conversions Part 1

Format	Color
Hex	969D9C
RGB	150, 157, 156
RGB Percent	59%, 62%, 61%
CMY	0.4118, 0.3843, 0.3882
CMYK	0.04, 0.00, 0.01, 0.38
HSL	171°, 3%, 60%
HSV	171°, 4%, 62%
XYZ	30.6354, 32.9983, 36.2071
YIQ	154.7930, -3.8510, -1.7950

Conversions

Conversions Part 2

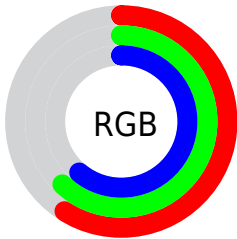
Format	Color
RYB	150, 154, 157
Decimal	9870748
CIELab	64.16, -2.70, -0.35
CIELCh	64, 2.719, 187.501
Yxy	32.9983, 0.3068, 0.3305
Android (android.graphics.Color)	4288060828 (0xFF969D9C)
YUV	154.7930, 0.5951, -4.2035
Hunter-Lab	57.4441, -5.3319, 2.8404

Details

The XYZ color **30.6354, 32.9983, 36.2071** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.3981, 31.2160, 33.7030**, and the grayscale version is **31.0637, 32.6814, 35.5901**.

A 20% lighter version of the original color is **60.0782, 64.5775, 70.2710**, and **12.8494, 13.9806, 15.3859** is the 20% darker color. If you saturate the color by 10%, you get **27.7493, 31.5332, 35.0880**, and if you desaturate by 10%, it is **33.9140, 34.6672, 37.3644**.

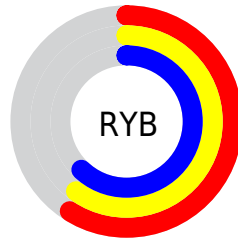
Distribution



Red (59%)

Green (62%)

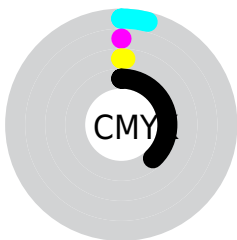
Blue (61%)



Red (59%)

Yellow (60%)

Blue (62%)

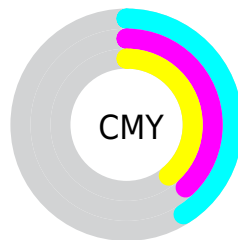


Cyan (4%)

Magenta (0%)

Yellow (1%)

Black (38%)



Cyan (41%)

Magenta (38%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6354, 32.9983, 36.2071 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 30.6354, 32.9983, 36.2071 by changing the saturation by 10% instead.

■ 30.6354, 32.9983,
36.2071

■ 30.6354, 32.9983,
36.2071

296.7120,
315.6421, 344.9296

■ 20.4718, 22.1251,
24.3032

■ 60.0453, 64.3729,
70.5242

■ 12.8487, 13.9489,
15.3444

■ 80.0224, 85.6431,
93.7746

■ 7.4007, 8.0851,
8.9122

104.0014,
111.1478, 121.6442

■ 3.7625, 4.1495,
4.5879

132.3476,
141.2713, 154.5515

■ 1.5687, 1.7575,
1.9531

165.4264,
176.3981, 192.9152

■ 0.3719, 0.4605,
0.5262

203.6032,

■ 0.0000, 0.0000,

216.9126, 237.1538

0.0000

247.2433,
263.1991, 287.6857

■ 30.6354, 32.9983,
36.2071

■ 30.6354, 32.9983,
36.2071

■ 27.7493, 31.5332,
35.0880

■ 33.9140, 34.6672,
37.3644

■ 25.2376, 30.2597,
34.0040

■ 37.5968, 36.5432,
38.5583

■ 23.0850, 29.1710,
32.9550

■ 41.6985, 38.6346,
39.7905

■ 21.2738, 28.2579,
31.9401

■ 46.2320, 40.9483,
41.0616

■ 19.7852, 27.5107,
30.9583

■ 51.2098, 43.4906,
42.3723

■ 18.5983, 26.9186,
30.0086

■ 56.6441, 46.2678,
43.7232

■ 17.6896, 26.4695,
29.0896

■ 60.7189, 48.3438,
45.0294

■ 17.0324, 26.1497,
28.2001

■ 60.9363, 48.4307,
46.1742

■ 16.5939, 25.9423,
27.3385

■ 61.1574, 48.5191,
47.3383

Harmonies

Analogous

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



30.6847, 32.9983, 35.1240



30.6354, 32.9983, 36.2071



30.7800, 32.9983, 37.2362

Triad

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



30.6354, 32.9983, 36.2071



31.8169, 32.9983, 37.6385



31.6481, 32.9983, 34.0055

Complementary

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



30.6354, 32.9983, 36.2071



30.3981, 31.2160, 33.7030

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.



31.9551, 32.9983, 34.6538



30.6354, 32.9983, 36.2071



32.0531, 32.9983, 36.7473

Square

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



30.6354, 32.9983, 36.2071



31.4607, 32.9983, 38.0735



32.1038, 32.9983, 35.6534



31.2673, 32.9983, 33.8676

Rectangle

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



30.6354, 32.9983, 36.2071



30.9677, 32.9983, 37.7481



32.1038, 32.9983, 35.6534



31.7635, 32.9983, 34.1703

Sweetspot

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



30.6363, 32.9997, 36.2078



56.8032, 60.0823, 65.5464



30.3348, 32.9015, 33.6064



12.5070, 13.2247, 14.4259



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



30.6363, 32.9997, 36.2078



54.5144, 58.9185, 64.7117



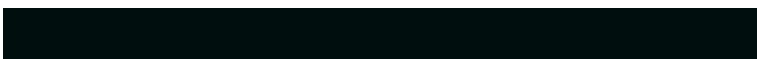
30.3111, 32.2127, 36.5201



7.0358, 7.6226, 8.3781



13.3271, 20.9988, 21.8775



0.2484, 0.3795, 0.4446

Inverse Universe

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



30.3981, 31.2160, 33.7030



54.0290, 55.2839, 59.6076



30.7122, 31.9740, 33.4075



6.9675, 7.1109, 7.6594



11.4234, 5.8739, 1.2147



0.2139, 0.1089, 0.0727

Previews

White Background



This preview shows how the XYZ color 30.6354, 32.9983, 36.2071 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 30.6354, 32.9983, 36.2071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

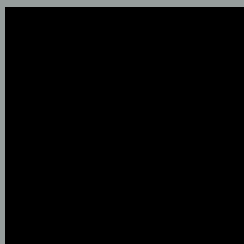
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

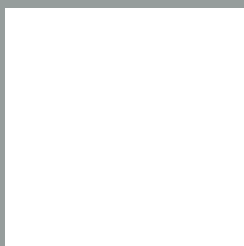
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6354, 32.9983, 36.2071

Background



This preview shows how black text looks on a background with the XYZ color 30.6354, 32.9983, 36.2071.



This preview shows how white text looks on a background with the XYZ color 30.6354, 32.9983,

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

30.6354, 32.9983, 36.2071

Protanopia

31.7383, 33.0783, 35.7223

Deuteranopia

33.3543, 32.6820, 36.4486



Tritanopia

31.7381, 32.9452, 41.7321

Trichromacy



Original Color

30.6354, 32.9983, 36.2071

Protanomaly

31.3224, 33.1121, 35.7507

Deuteranomaly

32.3773, 32.8982, 36.5418

Tritanomaly

31.3518, 33.0366, 39.8462

Monochromacy



Original Color

30.6354, 32.9983, 36.2071

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.9417, 32.9158, 35.7329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6354, 32.9983, 36.2071 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(150, 157, 156)` looks like.

```
.text, #text, p{  
    color:rgb(150, 157, 156)  
}
```

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(150, 157, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 157, 156) }
```

Border

The CSS property to change the border of an element to XYZ 30.6354, 32.9983, 36.2071 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(150, 157, 156) }
```


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

```
.border{ border-color:rgb(150, 157, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 157, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 157, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 157, 156);  
box-shadow:4px 4px 4px 4px rgb(150, 157,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6354, 32.9983, 36.2071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 157, 156) }
```

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

```
.background{ background-color: rgb(150,  
157, 156) }
```

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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