

Converting Colors

XYZ(30.4640, 33.3081, 32.7295)

Have a look what the booklet for
XYZ(30.4640, 33.3081, 32.7295)
contains.

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Color

**XYZ(30.5211, 33.2672,
32.8296)**

Conversions

Conversions Part 1

Format	Color
Hex	989E94
RGB	152, 158, 148
RGB Percent	60%, 62%, 58%
CMY	0.4039, 0.3804, 0.4196
CMYK	0.04, 0.00, 0.06, 0.38
HSL	96°, 5%, 60%
HSV	96°, 6%, 62%
XYZ	30.5211, 33.2672, 32.8296
YIQ	155.0660, -0.3660, -4.3820

Conversions

Conversions Part 2

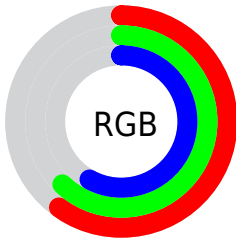
Format	Color
RYB	148, 158, 154
Decimal	10002068
CIELab	64.38, -4.06, 4.47
CIElCh	64, 6.037, 132.246
Yxy	33.2672, 0.3159, 0.3443
Android (android.graphics.Color)	4288192148 (0xFF989E94)
YUV	155.0660, -3.4835, -2.6889
Hunter-Lab	57.6777, -6.4799, 6.6271

Details

The XYZ color **30.5211, 33.2672, 32.8296** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0891, 30.5193, 36.6543**, and the grayscale version is **31.2007, 32.8256, 35.7471**.

A 20% lighter version of the original color is **59.9085, 64.9746, 65.2609**, and **12.7822, 14.1452, 13.3659** is the 20% darker color. If you saturate the color by 10%, you get **27.6508, 31.9233, 26.6064**, and if you desaturate by 10%, it is **33.7059, 34.7555, 39.9601**.

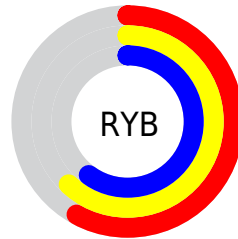
Distribution



Red (60%)

Green (62%)

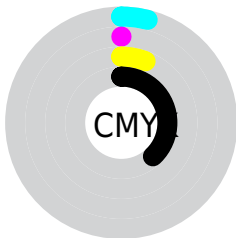
Blue (58%)



Red (58%)

Yellow (62%)

Blue (60%)

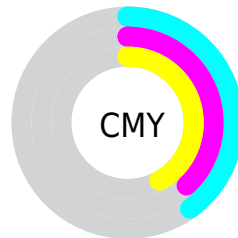


Cyan (4%)

Magenta (0%)

Yellow (6%)

Black (38%)



Cyan (40%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5211, 33.2672, 32.8296 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 30.5211, 33.2672, 32.8296 by changing the saturation by 10% instead.

■ 30.5211, 33.2672,
32.8296

■ 30.5211, 33.2672,
32.8296

296.1924,
316.8520, 329.4896

■ 20.3845, 22.3312,
21.7259

■ 59.8663, 64.7925,
65.2223

■ 12.7847, 14.1005,
13.4592

■ 79.8056, 86.1505,
87.3485

■ 7.3564, 8.1906,
7.6111

103.7431,
111.7514, 113.9858

■ 3.7343, 4.2171,
3.7629

132.0443,
141.9796, 145.5529

■ 1.5529, 1.7958,
1.4962

165.0745,
177.2193, 182.4683

■ 0.3614, 0.4845,
0.2151

203.1989,

■ 0.0000, 0.0000,

217.8550, 225.1505

0.0000

246.7831,
264.2711, 274.0181

■ 30.5211, 33.2672,
32.8296

■ 30.5211, 33.2672,
32.8296

■ 27.6508, 31.9233,
26.6064

■ 33.7059, 34.7555,
39.9601

■ 25.0821, 30.7149,
21.2520

■ 37.2120, 36.3880,
48.0301

■ 22.8052, 29.6388,
16.7284


■ 41.0498, 38.1702,
57.0726


■ 20.8084, 28.6901,
12.9937


■ 45.2279, 40.1061,
67.1188


■ 19.0797, 27.8633,
10.0027


■ 49.7549, 42.1993,
78.1982

 17.6056, 27.1527,
7.7053


 54.6390, 44.4535,
90.3391


 16.3715, 26.5520,
6.0455

 59.3023, 46.6378,
100.4842

 15.3608, 26.0539,
4.9582

 62.2260, 48.1450,
100.6210

 14.5512, 25.6492,
4.3504

 65.3146, 49.7372,
100.7655

Harmonies

Analogous

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



31.2702, 33.2672, 31.7901



30.5211, 33.2672, 32.8296



30.0712, 33.2672, 34.7978

Triad

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



30.5211, 33.2672, 32.8296



31.1181, 33.2672, 40.9206



33.2626, 33.2672, 35.2274

Complementary

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



30.5211, 33.2672, 32.8296



30.0891, 30.5193, 36.6543

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.



33.2200, 33.2672, 37.6852



30.5211, 33.2672, 32.8296



31.9714, 33.2672, 41.0485

Square

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



30.5211, 33.2672, 32.8296



30.4115, 33.2672, 39.4993



32.7439, 33.2672, 39.8411



32.8590, 33.2672, 33.1318

Rectangle

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



30.5211, 33.2672, 32.8296



29.9963, 33.2672, 36.4081



32.7439, 33.2672, 39.8411



33.3002, 33.2672, 36.0371

Sweetspot

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



30.5220, 33.2686, 32.8303



57.8356, 61.5395, 64.9676



31.0027, 32.5197, 32.6604



13.0544, 13.8812, 14.6814



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.



30.5220, 33.2686, 32.8303



54.4313, 59.9477, 57.4323



29.8654, 32.9209, 33.2147



6.7893, 7.5240, 7.0801



11.4860, 20.4580, 3.3434



0.2517, 0.3897, 0.0619

Inverse Universe

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



30.0891, 30.5193, 36.6543



53.4305, 53.5925, 66.2718



30.7775, 30.8841, 36.2389



6.6472, 6.6221, 8.3345



8.7522, 3.9410, 26.2066



0.2033, 0.0946, 0.4708

Previews

White Background



This preview shows how the XYZ color 30.5211, 33.2672, 32.8296 looks on a white background.

Color Contrast Check

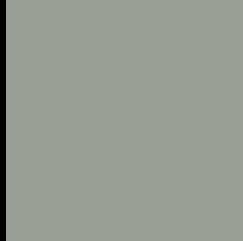
Large Text (above 18pt) WCAG AA × Fail

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 30.5211, 33.2672, 32.8296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

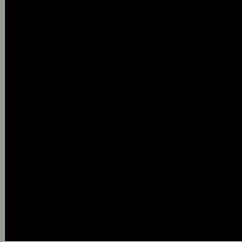
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.5211, 33.2672, 32.8296

Background



This preview shows how black text looks on a background with the XYZ color 30.5211, 33.2672, 32.8296.



This preview shows how white text looks on a background with the XYZ color 30.5211, 33.2672,

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

30.5211, 33.2672, 32.8296

Protanopia

31.6857, 33.1263, 32.3278

Deuteranopia

33.7250, 33.1874, 33.0621



Tritanopia

32.2140, 33.2013, 41.2698

Trichromacy



Original Color

30.5211, 33.2672, 32.8296

Protanomaly

31.2555, 33.1526, 32.3555

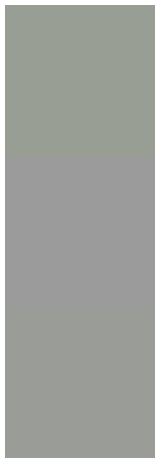
Deuteranomaly

32.4975, 33.2805, 33.1447

Tritanomaly

31.5601, 33.1850, 37.9997

Monochromacy



Original Color

30.5211, 33.2672, 32.8296

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.8824, 32.9140, 34.4311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5211, 33.2672, 32.8296 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, 158, 148)` looks like.

```
.text, #text, p{  
    color:rgb(152, 158, 148)  
}
```

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, 158, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 158, 148) }
```

Border

The CSS property to change the border of an element to XYZ 30.5211, 33.2672, 32.8296 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, 158, 148) }
```


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

```
.border{ border-color:rgb(152, 158, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 158, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 158, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 158, 148);  
box-shadow:4px 4px 4px 4px rgb(152, 158,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5211, 33.2672, 32.8296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 158, 148) }
```

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

```
.background{ background-color: rgb(152,  
158, 148) }
```

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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