

Converting Colors

XYZ(30.5273, 32.1646, 33.0334)

Have a look what the booklet for
XYZ(30.5273, 32.1646, 33.0334)
contains.

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Color

**XYZ(30.6907, 32.3490,
33.0602)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9A95
RGB	156, 154, 149
RGB Percent	61%, 60%, 58%
CMY	0.3882, 0.3961, 0.4157
CMYK	0.00, 0.01, 0.04, 0.39
HSL	43°, 3%, 60%
HSV	43°, 4%, 61%
XYZ	30.6907, 32.3490, 33.0602
YIQ	154.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

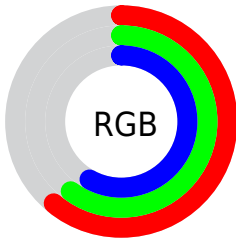
Format	Color
RYB	152, 156, 149
Decimal	10263189
CIELab	63.63, -0.21, 2.87
CIELCh	64, 2.877, 94.161
Yxy	32.3490, 0.3194, 0.3366
Android (android.graphics.Color)	4288453269 (0xFF9C9A95)
YUV	154.0280, -2.4788, 1.7294
Hunter-Lab	56.8762, -3.2137, 5.3501

Details

The XYZ color **30.6907, 32.3490, 33.0602** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.4618, 30.9227, 35.8688**, and the grayscale version is **30.7378, 32.3386, 35.2167**.

A 20% lighter version of the original color is **59.9137, 63.1252, 65.5265**, and **12.8806, 13.5856, 13.4987** is the 20% darker color. If you saturate the color by 10%, you get **28.8070, 30.4427, 26.6936**, and if you desaturate by 10%, it is **32.7704, 34.3793, 40.3160**.

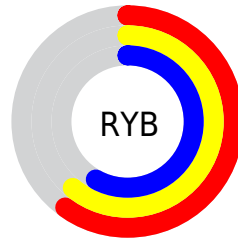
Distribution



Red (61%)

Green (60%)

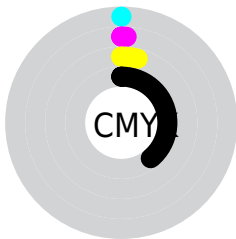
Blue (58%)



Red (60%)

Yellow (61%)

Blue (58%)

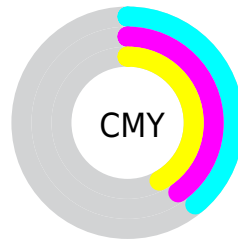


Cyan (0%)

Magenta (1%)

Yellow (4%)

Black (39%)



Cyan (39%)

Magenta (40%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6907, 32.3490, 33.0602 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 30.6907, 32.3490, 33.0602 by changing the saturation by 10% instead.

■ 30.6907, 32.3490,
33.0602

■ 30.6907, 32.3490,
33.0602

296.9632,
312.7060, 330.5612

■ 20.5141, 21.6282,
21.9011

■ 60.1319, 63.3578,
65.5866

■ 12.8797, 13.5840,
13.5866

■ 80.1273, 84.4146,
87.7910

■ 7.4222, 7.8319,
7.6983

104.1263,
109.6856, 114.5141

■ 3.7762, 3.9876,
3.8175

132.4943,
139.5550, 146.1747

■ 1.5763, 1.6666,
1.5258

165.5966,
174.4074, 183.1911

■ 0.3769, 0.4019,
0.2370

203.7986,

■ 0.0000, 0.0000,

214.6271, 225.9820

0.0000

247.4657,
260.5985, 274.9658

■ 30.6907, 32.3490,
33.0602

■ 30.6907, 32.3490,
33.0602

■ 28.8070, 30.4427,
26.6936

■ 32.7704, 34.3793,
40.3160

■ 27.1096, 28.6531,
21.1794

■ 35.0497, 36.5325,
48.4918

■ 25.5921, 26.9781,
16.4811

■ 37.5359, 38.8129,
57.6194

■ 24.2468, 25.4141,
12.5590

■ 40.2348, 41.2234,
67.7286

■ 23.0650, 23.9572,
9.3699

■ 43.1521, 43.7666,
78.8477

■ 22.0375, 22.6033,
6.8664

■ 46.2931, 46.4451,
91.0039

■ 21.1539, 21.3476,
4.9953

■ 49.1433, 49.0536,
101.4859

■ 20.4025, 20.1848,
3.6959

■ 50.0902, 50.9474,
101.8015

■ 19.7686, 19.1088,
2.8934

■ 51.0665, 52.9000,
102.1270

Harmonies

Analogous

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



31.0849, 32.3490, 33.2672



30.6907, 32.3490, 33.0602



30.3147, 32.3490, 33.4221

Triad

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



30.6907, 32.3490, 33.0602



30.1115, 32.3490, 36.4805



31.4478, 32.3490, 36.1964

Complementary

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



30.6907, 32.3490, 33.0602



29.4618, 30.9227, 35.8688

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.



31.1829, 32.3490, 37.0865



30.6907, 32.3490, 33.0602



30.4110, 32.3490, 37.2530

Square

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



30.6907, 32.3490, 33.0602



29.9821, 32.3490, 35.3834



30.8029, 32.3490, 37.4772



31.5243, 32.3490, 35.0622

Rectangle

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



30.6907, 32.3490, 33.0602



30.1243, 32.3490, 33.9421



30.8029, 32.3490, 37.4772



31.3777, 32.3490, 36.5349

Sweetspot

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



30.6916, 32.3504, 33.0609



57.0125, 60.0093, 64.4304



30.0522, 30.8009, 33.6825



12.5503, 13.2096, 14.1950



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.



30.6916, 32.3504, 33.0609



55.5245, 58.5385, 59.2939



30.7546, 32.8764, 33.1591



7.1779, 7.5687, 7.6155



16.0499, 15.3354, 2.1141



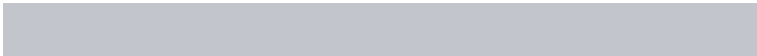
0.3208, 0.3419, 0.0491

Inverse Universe

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



29.4618, 30.9227, 35.8688



52.9965, 55.6036, 65.0661



29.4001, 30.4178, 35.7746



6.8219, 7.1555, 8.4283



5.7269, 3.5454, 26.2897



0.1358, 0.1301, 0.4812

Previews

White Background



This preview shows how the XYZ color 30.6907, 32.3490, 33.0602 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 30.6907, 32.3490, 33.0602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

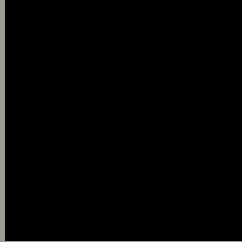
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.6907, 32.3490, 33.0602

Background



This preview shows how black text looks on a background with the XYZ color 30.6907, 32.3490, 33.0602.



This preview shows how white text looks on a background with the XYZ color 30.6907, 32.3490,

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

30.6907, 32.3490, 33.0602

Protanopia

30.9166, 32.2215, 33.0237

Deuteranopia

32.8300, 32.2429, 33.3473



Tritanopia

32.0296, 32.4059, 39.6888

Trichromacy



Original Color

30.6907, 32.3490, 33.0602

Protanomaly

30.7207, 32.1205, 33.0145

Deuteranomaly

32.0887, 32.3346, 33.4041

Tritanomaly

31.5539, 32.4538, 37.4020

Monochromacy



Original Color

30.6907, 32.3490, 33.0602

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.7407, 32.3468, 34.3291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6907, 32.3490, 33.0602 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(156, 154, 149)` looks like.

```
.text, #text, p{  
    color:rgb(156, 154, 149)  
}
```

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(156, 154, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 154, 149) }
```

Border

The CSS property to change the border of an element to XYZ 30.6907, 32.3490, 33.0602 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(156, 154, 149) }
```


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

```
.border{ border-color:rgb(156, 154, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 154, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 154, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 154, 149);  
box-shadow:4px 4px 4px 4px rgb(156, 154,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6907, 32.3490, 33.0602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 154, 149) }
```

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

```
.background{ background-color: rgb(156,  
154, 149) }
```

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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