

Converting Colors

XYZ(33.3862, 32.5186, 30.7936)

Have a look what the booklet for
XYZ(33.3862, 32.5186, 30.7936)
contains.

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Color

**XYZ(33.4607, 32.6225,
30.9188)**

Conversions

Conversions Part 1

Format	Color
Hex	AF9590
RGB	175, 149, 144
RGB Percent	69%, 58%, 56%
CMY	0.3137, 0.4157, 0.4353
CMYK	0.00, 0.15, 0.18, 0.31
HSL	10°, 16%, 63%
HSV	10°, 18%, 69%
XYZ	33.4607, 32.6225, 30.9188
YIQ	156.2040, 17.1010, 3.9570

Conversions

Conversions Part 2

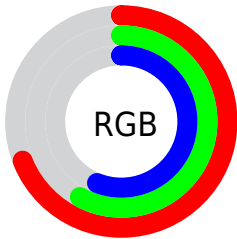
Format	Color
RYB	175, 150, 144
Decimal	11507088
CIELab	63.85, 8.85, 6.22
CIELCh	64, 10.819, 35.108
Yxy	32.6225, 0.3449, 0.3363
Android (android.graphics.Color)	4289697168 (0xFFAF9590)
YUV	156.2040, -6.0166, 16.4841
Hunter-Lab	57.1161, 4.6186, 7.8857

Details

The XYZ color **33.4607, 32.6225, 30.9188** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.6139, 37.7730, 46.0770**, and the grayscale version is **31.7124, 33.3640, 36.3334**.

A 20% lighter version of the original color is **64.5040, 63.7780, 62.3367**, and **14.4141, 13.6811, 12.4707** is the 20% darker color. If you saturate the color by 10%, you get **30.0483, 27.7746, 23.6860**, and if you desaturate by 10%, it is **37.3749, 38.1415, 39.3426**.

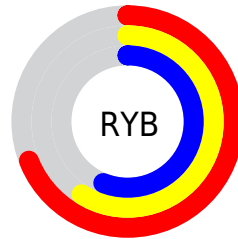
Distribution



Red (69%)

Green (58%)

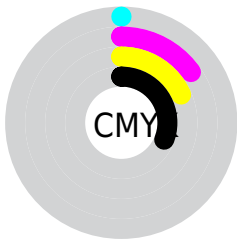
Blue (56%)



Red (69%)

Yellow (59%)

Blue (56%)

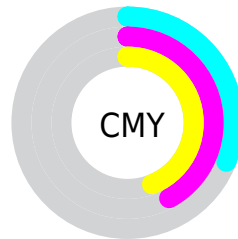


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (31%)



Cyan (31%)


Magenta (42%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.4607, 32.6225, 30.9188 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 33.4607, 32.6225, 30.9188 by changing the saturation by 10% instead.


 33.4607, 32.6225,
30.9188


 33.4607, 32.6225,
30.9188


309.3490,
313.9453, 320.5037

 22.6405, 21.8374,
20.2791


 64.4440, 63.7857,
62.1903

 14.4475, 13.7375,
12.4120


 85.3379, 84.9326,
83.6591

 8.5164, 7.9383,
6.8990


110.3203,
110.3023, 109.5748

 4.4817, 4.0555,
3.3215

139.7567,
140.2790, 140.3557

 1.9781, 1.7047,
1.2611

174.0124,
175.2473, 176.4206

 0.6216, 0.4267,
0.0295

213.4528,

 0.0000, 0.0000,

215.5915, 218.1878

0.0000

258.4432,
261.6960, 266.0760

■ 33.4607, 32.6225,
30.9188

■ 33.4607, 32.6225,
30.9188

■ 30.0483, 27.7746,
23.6860

■ 37.3749, 38.1415,
39.3426

■ 27.1145, 23.5679,
17.5883

■ 41.8074, 44.3512,
49.0057

■ 24.6386, 19.9766,
12.5685

■ 46.7772, 51.2761,
59.9561

■ 22.5971, 16.9718,
8.5636

■ 52.3015, 58.9380,
72.2389

■ 20.9642, 14.5220,
5.5040

■ 58.3970, 67.3578,
85.8967

■ 19.7117, 12.5928,
3.3113

■ 65.0794, 76.5556,
100.9704

■ 18.8071, 11.1456,
1.8941

■ 70.4561, 85.7875,
107.4530

■ 18.2070, 10.1344,
1.1114

■ 71.4893, 87.8540,
107.7974

■ 18.1004, 9.9562,
0.9677

Harmonies

Analogous

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



34.0111, 32.6225, 34.7800



33.4607, 32.6225, 30.9188



32.2538, 32.6225, 28.4530

Triad

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



33.4607, 32.6225, 30.9188



28.4293, 32.6225, 32.1110



31.2678, 32.6225, 44.5308

Complementary

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



33.4607, 32.6225, 30.9188



33.6139, 37.7730, 46.0770

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.



29.7922, 32.6225, 43.6706



33.4607, 32.6225, 30.9188



28.1846, 32.6225, 36.2711

Square

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



33.4607, 32.6225, 30.9188



29.3553, 32.6225, 29.1009



28.6757, 32.6225, 40.5572



32.7189, 32.6225, 42.8206

Rectangle

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



33.4607, 32.6225, 30.9188



31.2567, 32.6225, 27.8132



28.6757, 32.6225, 40.5572



30.7580, 32.6225, 44.5340

Sweetspot

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



33.4616, 32.6240, 30.9195



68.9310, 71.1098, 74.7892



34.9417, 31.9765, 42.5348



15.2031, 15.6400, 16.3672



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



33.4616, 32.6240, 30.9195



57.5955, 55.1225, 50.4061



36.0159, 37.7326, 31.7709



8.1058, 8.2164, 8.3721



12.9931, 7.1918, 0.7033



0.3924, 0.2620, 0.0299

Inverse Universe

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



33.6139, 37.7730, 46.0770



57.9147, 65.9593, 82.3159



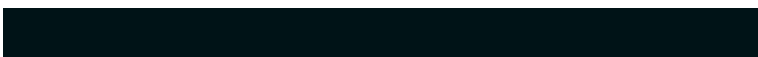
30.9363, 32.4177, 45.1844



8.1246, 8.8486, 10.2324



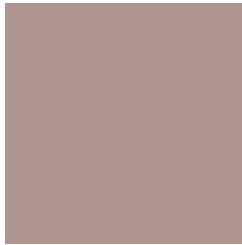
13.0237, 17.1812, 31.6744



0.3912, 0.5358, 0.8908

Previews

White Background



This preview shows how the XYZ color 33.4607, 32.6225, 30.9188 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 33.4607, 32.6225, 30.9188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

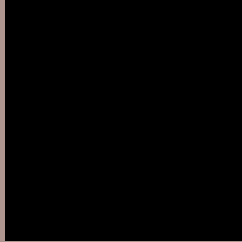
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.4607, 32.6225, 30.9188

Background



This preview shows how black text looks on a background with the XYZ color 33.4607, 32.6225, 30.9188.



This preview shows how white text looks on a background with the XYZ color 33.4607, 32.6225,

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

33.4607, 32.6225, 30.9188

Protanopia

31.1201, 32.5887, 32.2538

Deuteranopia

33.2370, 32.5072, 30.9083



Tritanopia

34.7367, 32.6832, 36.8254

Trichromacy



Original Color

33.4607, 32.6225, 30.9188

Protanomaly

31.9336, 32.5311, 31.7902

Deuteranomaly

33.2370, 32.5072, 30.9083

Tritanomaly

34.2442, 32.7098, 34.6458

Monochromacy



Original Color

33.4607, 32.6225, 30.9188

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.1630, 32.8360, 34.3486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4607, 32.6225, 30.9188 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(175, 149, 144)` looks like.

```
.text, #text, p{  
    color:rgb(175, 149, 144)  
}
```

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(175, 149, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 149, 144) }
```

Border

The CSS property to change the border of an element to XYZ 33.4607, 32.6225, 30.9188 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(175, 149, 144) }
```


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

```
.border{ border-color:rgb(175, 149, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 149, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 149, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 149, 144); box-shadow:4px 4px 4px 4px rgb(175, 149, 144) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4607, 32.6225, 30.9188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 149, 144) }
```

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

```
.background{ background-color: rgb(175,  
149, 144) }
```

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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