

Converting Colors

XYZ(32.2346, 32.1199, 32.3784)

Have a look what the booklet for
XYZ(32.2346, 32.1199, 32.3784)
contains.

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Color

**XYZ(32.4001, 32.2756,
32.5391)**

Conversions

Conversions Part 1

Format	Color
Hex	A89694
RGB	168, 150, 148
RGB Percent	66%, 59%, 58%
CMY	0.3412, 0.4117, 0.4196
CMYK	0.00, 0.11, 0.12, 0.34
HSL	6°, 10%, 62%
HSV	6°, 12%, 66%
XYZ	32.4001, 32.2756, 32.5391
YIQ	155.1540, 11.3700, 3.1940

Conversions

Conversions Part 2

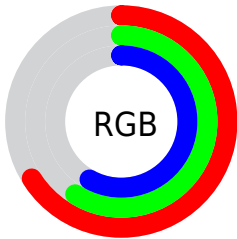
Format	Color
R_{YB}	168, 150, 148
Decimal	11048596
CIE _{Lab}	63.57, 6.30, 3.48
CIE _{LCh}	64, 7.199, 28.863
Yxy	32.2756, 0.3333, 0.3320
Android (android.graphics.Color)	4289238676 (0xFFA89694)
YUV	155.1540, -3.5269, 11.2659
Hunter-Lab	56.8116, 2.3796, 5.8095

Details

The XYZ color **32.4001, 32.2756, 32.5391** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.9168, 36.3949, 42.3363**, and the grayscale version is **31.2362, 32.8629, 35.7877**.

A 20% lighter version of the original color is **62.6850, 63.1380, 64.7601**, and **13.8220, 13.4998, 13.1865** is the 20% darker color. If you saturate the color by 10%, you get **28.9071, 27.2653, 25.2834**, and if you desaturate by 10%, it is **36.3992, 37.9885, 40.9166**.

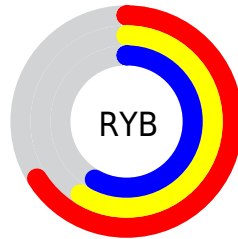
Distribution



Red (66%)

Green (59%)

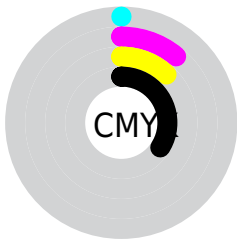
Blue (58%)



Red (66%)

Yellow (59%)

Blue (58%)

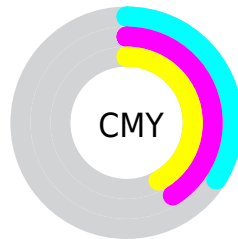


Cyan (0%)

Magenta (11%)

Yellow (12%)

Black (34%)



Cyan (34%)

Magenta (41%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4001, 32.2756, 32.5391 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 32.4001, 32.2756, 32.5391 by changing the saturation by 10% instead.

■ 32.4001, 32.2756,
32.5391

■ 32.4001, 32.2756,
32.5391

304.6508,
312.3728, 328.1358

■ 21.8243, 21.5721,
21.5054

■ 62.7988, 63.2429,
64.7630

■ 13.8437, 13.5428,
13.2991

■ 83.3524, 84.2755,
86.7902

■ 8.0930, 7.8034,
7.5017

107.9626,
109.5199, 113.3190

■ 4.2068, 3.9694,
3.6946

136.9948,
139.3605, 144.7680

■ 1.8198, 1.6565,
1.4593

170.8144,
174.1816, 181.5556

■ 0.5296, 0.3952,
0.1874

209.7867,

■ 0.0000, 0.0000,

214.3678, 224.1004

0.0000

254.2770,
260.3034, 272.8210

■ 32.4001, 32.2756,
32.5391

■ 32.4001, 32.2756,
32.5391

■ 28.9071, 27.2653,
25.2834

■ 36.3992, 37.9885,
40.9166

■ 25.8975, 22.9263,
19.0998

■ 40.9206, 44.4251,
50.4584

■ 23.3505, 19.2314,
13.9380

■ 45.9832, 51.6110,
61.2075

■ 21.2433, 16.1499,
9.7430

■ 51.6042, 59.5695,
73.2040

■ 19.5507, 13.6483,
6.4545

■ 57.7999, 68.3224,
86.4862

■ 18.2451, 11.6904,
4.0054

■ 64.5861, 77.8911,
101.0908

■ 17.2955, 10.2356,
2.3194

■ 69.9586, 87.0649,
107.7257

■ 16.6661, 9.2374,
1.3060

■ 16.3464, 8.7204,
0.8217

Harmonies

Analogous

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



32.6492, 32.2756, 35.2526



32.4001, 32.2756, 32.5391



31.6868, 32.2756, 30.6167

Triad

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



32.4001, 32.2756, 32.5391



29.0530, 32.2756, 32.3588



30.6387, 32.2756, 40.9693

Complementary

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



32.4001, 32.2756, 32.5391



32.9168, 36.3949, 42.3363

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.



29.6889, 32.2756, 40.0940



32.4001, 32.2756, 32.5391



28.7858, 32.2756, 35.0330

Square

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



32.4001, 32.2756, 32.5391



29.7539, 32.2756, 30.5167



29.0161, 32.2756, 37.8815



31.6190, 32.2756, 40.2140

Rectangle

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



32.4001, 32.2756, 32.5391



31.0516, 32.2756, 29.9890



29.0161, 32.2756, 37.8815



30.3054, 32.2756, 40.8552

Sweetspot

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



32.4010, 32.2770, 32.5398



64.3979, 66.5769, 70.7747



33.6217, 32.2583, 40.5313



13.9169, 14.3410, 15.1759



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



32.4010, 32.2770, 32.5398



57.2233, 56.3190, 55.7703



34.0650, 35.6050, 33.0945



7.5893, 7.6587, 7.8676



12.3628, 6.6229, 0.6268



0.3189, 0.1973, 0.0213

Inverse Universe

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



32.9168, 36.3949, 42.3363



58.3260, 65.1251, 76.7214



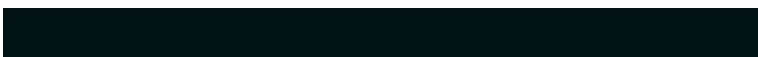
31.1695, 32.9005, 41.7538



7.6824, 8.4018, 9.6351



13.7371, 18.9343, 30.9062



0.3520, 0.4962, 0.7579

Previews

White Background



This preview shows how the XYZ color 32.4001, 32.2756, 32.5391 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 32.4001, 32.2756, 32.5391 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

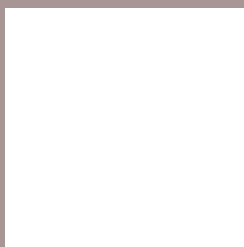
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.4001, 32.2756, 32.5391

Background



This preview shows how black text looks on a background with the XYZ color 32.4001, 32.2756, 32.5391.



This preview shows how white text looks on a background with the XYZ color 32.4001, 32.2756,

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

32.4001, 32.2756, 32.5391

Protanopia

30.9968, 32.2536, 33.4460

Deuteranopia

32.8873, 32.2909, 32.5164



Tritanopia

33.5126, 32.2639, 37.7190

Trichromacy



Original Color

32.4001, 32.2756, 32.5391

Protanomaly

31.5533, 32.3078, 33.0068

Deuteranomaly

32.6703, 32.1791, 32.5062

Tritanomaly

33.1104, 32.3302, 35.9477

Monochromacy



Original Color

32.4001, 32.2756, 32.5391

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.5559, 32.5230, 34.3202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4001, 32.2756, 32.5391 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(168, 150, 148)` looks like.

```
.text, #text, p{  
    color:rgb(168, 150, 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(168, 150, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 150, 148) }
```

Border

The CSS property to change the border of an element to XYZ 32.4001, 32.2756, 32.5391 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(168, 150, 148) }
```


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

```
.border{ border-color:rgb(168, 150, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 150, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 150, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 150, 148);  
box-shadow:4px 4px 4px 4px rgb(168, 150,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4001, 32.2756, 32.5391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 150, 148) }
```

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

```
.background{ background-color: rgb(168,  
150, 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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