

Converting Colors

XYZ(30.3741, 32.8737, 40.2774)

Have a look what the booklet for
XYZ(30.3741, 32.8737, 40.2774)
contains.

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Color

**XYZ(30.3501, 32.7598,
40.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	909DA5
RGB	144, 157, 165
RGB Percent	56%, 62%, 65%
CMY	0.4353, 0.3843, 0.3529
CMYK	0.13, 0.05, 0.00, 0.35
HSL	203°, 10%, 61%
HSV	203°, 13%, 65%
XYZ	30.3501, 32.7598, 40.3210
YIQ	154.0250, -10.3160, -0.2680

Conversions

Conversions Part 2

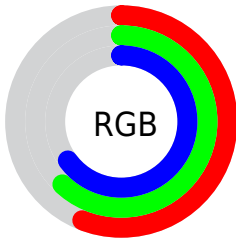
Format	Color
R_{YB}	144, 152, 165
Decimal	9477541
CIE Lab	63.97, -2.93, -5.75
CIE LCh	64, 6.453, 243.003
Yxy	32.7598, 0.2934, 0.3167
Android (android.graphics.Color)	4287667621 (0xFF909DA5)
YUV	154.0250, 5.4107, -8.7919
Hunter-Lab	57.2362, -5.5118, -1.7025

Details

The XYZ color **30.3501, 32.7598, 40.3210** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7796, 32.4694, 30.9785**, and the grayscale version is **30.7071, 32.3063, 35.1815**.

A 20% lighter version of the original color is **59.7505, 64.2600, 76.9644**, and **12.6489, 13.8275, 17.6251** is the 20% darker color. If you saturate the color by 10%, you get **26.6404, 29.3102, 39.8512**, and if you desaturate by 10%, it is **34.5377, 36.5387, 40.8302**.

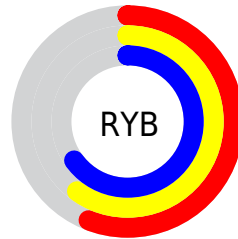
Distribution



Red (56%)

Green (62%)

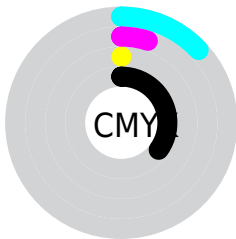
Blue (65%)



Red (56%)

Yellow (60%)

Blue (65%)

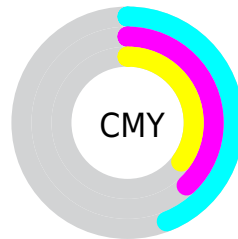


Cyan (13%)

Magenta (5%)

Yellow (0%)

Black (35%)



Cyan (44%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3501, 32.7598, 40.3210 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 30.3501, 32.7598, 40.3210 by changing the saturation by 10% instead.

■ 30.3501, 32.7598,
40.3210

■ 30.3501, 32.7598,
40.3210

295.4136,
314.5660, 363.0669

■ 20.2539, 21.9425,
27.4732

■ 59.5982, 64.0003,
76.8945

■ 12.6891, 13.8147,
17.6934

■ 79.4809, 85.1924,
101.4573

■ 7.2903, 7.9919,
10.5629

103.3563,
110.6114, 130.7622

■ 3.6922, 4.0897,
5.6633

131.5899,
140.6419, 165.2277

■ 1.5295, 1.7239,
2.5760

164.5471,
175.6682, 205.2724

■ 0.3458, 0.4391,
0.8800

202.5932,

■ 0.0000, 0.0000,

216.0747, 251.3148

0.0000

246.0936,
262.2459, 303.7735

■ 30.3501, 32.7598,
40.3210

■ 30.3501, 32.7598,
40.3210

■ 26.6404, 29.3102,
39.8512

■ 34.5377, 36.5387,
40.8302

■ 23.3866, 26.1748,
39.4175

■ 39.2181, 40.6531,
41.3777

■ 20.5694, 23.3432,
39.0194

■ 44.4092, 45.1144,
41.9652

■ 18.1668, 20.8028,
38.6557

■ 50.1272, 49.9319,
42.5937

■ 16.1547, 18.5399,
38.3250

■ 56.3874, 55.1147,
43.2641

■ 14.5062, 16.5393,
38.0257

■ 63.2044, 60.6714,
43.9774

■ 13.1910, 14.7840,
37.7562

■ 68.9166, 65.7465,
44.6559

■ 12.1728, 13.2540,
37.5146

■ 70.4116, 68.7366,
45.1543

■ 11.5587, 12.2507,
37.3533

■ 71.9673, 71.8479,
45.6728

Harmonies

Analogous

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



29.6935, 32.7598, 38.4679



30.3501, 32.7598, 40.3210



31.2289, 32.7598, 40.9086

Triad

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



30.3501, 32.7598, 40.3210



32.9164, 32.7598, 35.4082



30.1944, 32.7598, 31.6324

Complementary

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



30.3501, 32.7598, 40.3210



31.7796, 32.4694, 30.9785

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.



31.0457, 32.7598, 30.8986



30.3501, 32.7598, 40.3210



32.6269, 32.7598, 33.0109

Square

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



30.3501, 32.7598, 40.3210



32.7215, 32.7598, 37.9920



31.9378, 32.7598, 31.3909



29.6049, 32.7598, 33.4443

Rectangle

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



30.3501, 32.7598, 40.3210



31.8256, 32.7598, 40.4813



31.9378, 32.7598, 31.3909



30.4588, 32.7598, 31.2556

Sweetspot

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



30.3511, 32.7612, 40.3217



60.7933, 64.4916, 72.9963



30.6003, 35.0974, 34.7394



13.1675, 13.9890, 15.9437



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.3511, 32.7612, 40.3217



52.5830, 57.0426, 71.9912



28.6964, 29.4519, 39.7702



7.0484, 7.5558, 8.9900



8.7934, 9.3662, 28.2742



0.2282, 0.2837, 0.6086

Inverse Universe

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



31.5769, 30.3809, 36.0996



55.1886, 52.0733, 62.9966



33.5073, 35.9247, 31.5544



7.2494, 7.1562, 8.2998



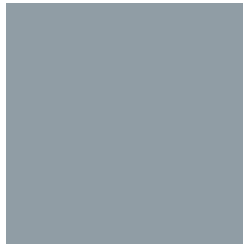
13.5840, 6.7896, 10.2657



0.3074, 0.1514, 0.3312

Previews

White Background



This preview shows how the XYZ color 30.3501, 32.7598, 40.3210 looks on a white background.

Color Contrast Check

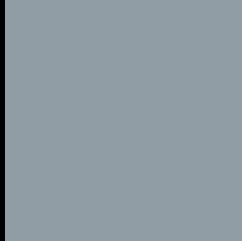
Large Text (above 18pt) WCAG AA × Fail

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 30.3501, 32.7598, 40.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

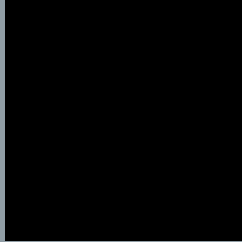
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

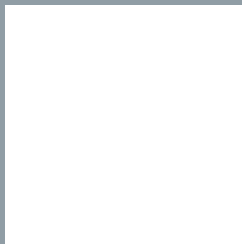
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3501, 32.7598, 40.3210

Background



This preview shows how black text looks on a background with the XYZ color 30.3501, 32.7598, 40.3210.



This preview shows how white text looks on a background with the XYZ color 30.3501, 32.7598,

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

30.3501, 32.7598, 40.3210

Protanopia

31.6840, 32.7241, 39.2968

Deuteranopia

33.3063, 32.5652, 40.6067



Tritanopia

30.7270, 32.6612, 42.2209

Trichromacy



Original Color

30.3501, 32.7598, 40.3210

Protanomaly

31.1847, 32.7023, 39.7905

Deuteranomaly

32.1788, 32.7037, 40.6928

Tritanomaly

30.6334, 32.6238, 41.7283

Monochromacy



Original Color

30.3501, 32.7598, 40.3210

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.4706, 32.3953, 36.9947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3501, 32.7598, 40.3210 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(144, 157, 165)` looks like.

```
.text, #text, p{  
    color:rgb(144, 157, 165)  
}
```

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(144, 157, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 157, 165) }
```

Border

The CSS property to change the border of an element to XYZ 30.3501, 32.7598, 40.3210 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(144, 157, 165) }
```


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

```
.border{ border-color:rgb(144, 157, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 157, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 157, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 157, 165);  
box-shadow:4px 4px 4px 4px rgb(144, 157,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3501, 32.7598, 40.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 157, 165) }
```

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

```
.background{ background-color: rgb(144,  
157, 165) }
```

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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