

Converting Colors

XYZ(33.3982, 32.8324, 40.0435)

Have a look what the booklet for
XYZ(33.3982, 32.8324, 40.0435)
contains.

XYZ(33.3752, 32.8492, 40.1788)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(33.3752, 32.8492,
40.1788)**

Conversions

Conversions Part 1

Format	Color
Hex	A597A5
RGB	165, 151, 165
RGB Percent	65%, 59%, 65%
CMY	0.3529, 0.4078, 0.3529
CMYK	0.00, 0.08, 0.00, 0.35
HSL	300°, 7%, 62%
HSV	300°, 8%, 65%
XYZ	33.3752, 32.8492, 40.1788
YIQ	156.7820, 3.8500, 7.3220

Conversions

Conversions Part 2

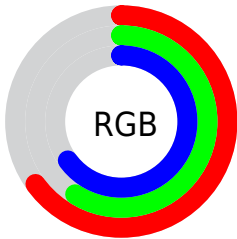
Format	Color
R_{YB}	165, 151, 165
Decimal	10852261
CIE Lab	64.04, 7.75, -5.46
CIE LCh	64, 9.481, 324.874
Yxy	32.8492, 0.3137, 0.3087
Android (android.graphics.Color)	4289042341 (0xFFA597A5)
YUV	156.7820, 4.0515, 7.2072
Hunter-Lab	57.3142, 3.6442, -1.4439

Details

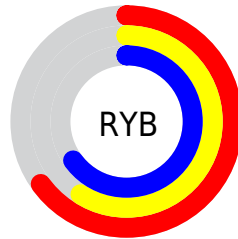
The XYZ color **33.3752, 32.8492, 40.1788** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.8048, 35.7249, 34.4992**, and the grayscale version is **31.9319, 33.5948, 36.5847**.

A 20% lighter version of the original color is **64.2648, 64.0456, 76.6851**, and **14.3479, 13.8173, 17.5336** is the 20% darker color. If you saturate the color by 10%, you get **30.9038, 27.9059, 39.3554**, and if you desaturate by 10%, it is **36.2202, 38.5386, 41.1275**.

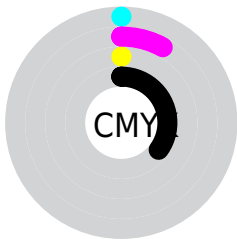
Distribution



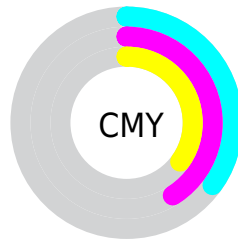
- Red (65%)
- Green (59%)
- Blue (65%)



- Red (65%)
- Yellow (59%)
- Blue (65%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (35%)



- Cyan (35%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3752, 32.8492, 40.1788 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 33.3752, 32.8492, 40.1788 by changing the saturation by 10% instead.

■ 33.3752, 32.8492,
40.1788

■ 33.3752, 32.8492,
40.1788

308.9722,
314.9697, 362.4511

■ 22.5746, 22.0109,
27.3631

■ 64.3116, 64.1400,
76.6758

■ 14.3987, 13.8649,
17.6113

■ 85.1782, 85.3614,
101.1942

■ 8.4820, 8.0268,
10.5047

110.1308,
110.8126, 130.4505

■ 4.4593, 4.1121,
5.6249

139.5349,
140.8780, 164.8634

■ 1.9651, 1.7365,
2.5533

173.7557,
175.9420, 204.8514

■ 0.6143, 0.4471,
0.8682

213.1586,

■ 0.0000, 0.0000,

216.3890, 250.8330

0.0000

258.1090,
262.6034, 303.2267

■ 33.3752, 32.8492,
40.1788

■ 33.3752, 32.8492,
40.1788

■ 30.9038, 27.9059,
39.3554

■ 36.2202, 38.5386,
41.1275

■ 28.7878, 23.6739,
38.6501

■ 39.4503, 44.9989,
42.2042

■ 27.0116, 20.1216,
38.0580

■ 43.0802, 52.2587,
43.4142

■ 25.5576, 17.2136,
37.5734

■ 47.1229, 60.3441,
44.7618

■ 24.4066, 14.9115,
37.1897

■ 51.5909, 69.2801,
46.2511

■ 23.5370, 13.1724,
36.8998

■ 56.4960, 79.0903,
47.8861

■ 22.9248, 11.9480,
36.6957

■ 58.0690, 82.2361,
48.4104

■ 22.5417, 11.1819,
36.5681

■ 58.0690, 82.2361,
48.4104

■ 22.3360, 10.7704,
36.4995

■ 58.0690, 82.2361,
48.4104

Harmonies

Analogous

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



32.3175, 32.8492, 42.8809



33.3752, 32.8492, 40.1788



33.8568, 32.8492, 36.4299

Triad

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



33.3752, 32.8492, 40.1788



31.4527, 32.8492, 28.9156



28.9446, 32.8492, 38.9586

Complementary

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



33.3752, 32.8492, 40.1788



31.8048, 35.7249, 34.4992

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.



28.7279, 32.8492, 35.1126



33.3752, 32.8492, 40.1788



30.1519, 32.8492, 29.4872

Square

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



33.3752, 32.8492, 40.1788



32.7268, 32.8492, 30.0701



29.1638, 32.8492, 31.6909



29.7644, 32.8492, 42.1419

Rectangle

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



33.3752, 32.8492, 40.1788



33.7767, 32.8492, 33.9080



29.1638, 32.8492, 31.6909



28.7998, 32.8492, 37.6931

Sweetspot

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



33.3762, 32.8506, 40.1795



62.4539, 64.1931, 72.8512



30.6597, 31.5060, 40.0632



13.5665, 13.8596, 15.8977



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.



33.3762, 32.8506, 40.1795



58.9745, 57.2342, 71.6914



32.7764, 32.6107, 37.0213



7.3644, 7.2022, 8.9051



16.8766, 8.1067, 27.6050



0.3546, 0.1703, 0.5800

Inverse Universe

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



32.1708, 32.3685, 33.8321



56.4124, 56.2094, 58.1998



32.3703, 35.9510, 37.4769



7.0738, 7.0860, 7.3750



11.7388, 6.0516, 0.5494



0.2467, 0.1272, 0.0115

Previews

White Background



This preview shows how the XYZ color 33.3752, 32.8492, 40.1788 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 33.3752, 32.8492, 40.1788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

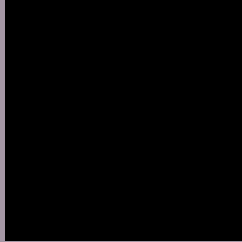
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.3752, 32.8492, 40.1788

Background



This preview shows how black text looks on a background with the XYZ color 33.3752, 32.8492, 40.1788.



This preview shows how white text looks on a background with the XYZ color 33.3752, 32.8492,

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

33.3752, 32.8492, 40.1788

Protanopia

32.0482, 32.8698, 41.2146

Deuteranopia

33.5840, 32.9568, 40.1885



Tritanopia

33.1945, 32.7769, 39.2274

Trichromacy



Original Color

33.3752, 32.8492, 40.1788

Protanomaly

32.5722, 32.9066, 40.7113

Deuteranomaly

33.5840, 32.9568, 40.1885

Tritanomaly

33.2845, 32.8129, 39.7012

Monochromacy



Original Color

33.3752, 32.8492, 40.1788

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.5637, 33.4543, 37.9987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3752, 32.8492, 40.1788 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(165, 151, 165)` looks like.

```
.text, #text, p{  
    color:rgb(165, 151, 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(165, 151, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 151, 165) }
```

Border

The CSS property to change the border of an element to XYZ 33.3752, 32.8492, 40.1788 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(165, 151, 165) }
```


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

```
.border{ border-color:rgb(165, 151, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 151, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 151, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 151, 165);  
box-shadow:4px 4px 4px 4px rgb(165, 151,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3752, 32.8492, 40.1788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 151, 165) }
```

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

```
.background{ background-color: rgb(165,  
151, 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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