

Converting Colors

XYZ(35.5190, 37.7890, 32.7721)

Have a look what the booklet for
XYZ(35.5190, 37.7890, 32.7721)
contains.

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Color

**XYZ(35.4380, 37.6435,
32.5923)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA592
RGB	171, 165, 146
RGB Percent	67%, 65%, 57%
CMY	0.3294, 0.3529, 0.4274
CMYK	0.00, 0.04, 0.15, 0.33
HSL	46°, 13%, 62%
HSV	46°, 15%, 67%
XYZ	35.4380, 37.6435, 32.5923
YIQ	164.6280, 9.6750, -4.6370

Conversions

Conversions Part 2

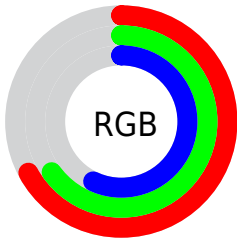
Format	Color
RYB	154, 171, 146
Decimal	11249042
CIELab	67.76, -1.15, 10.62
CIELCh	68, 10.684, 96.183
Yxy	37.6435, 0.3354, 0.3562
Android (android.graphics.Color)	4289439122 (0xFFABA592)
YUV	164.6280, -9.1836, 5.5882
Hunter-Lab	61.3543, -4.2691, 11.4523

Details

The XYZ color **35.4380, 37.6435, 32.5923** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4329, 31.5071, 43.0058**, and the grayscale version is **35.6262, 37.4815, 40.8174**.

A 20% lighter version of the original color is **67.3826, 71.5253, 64.8979**, and **15.5784, 16.5584, 13.2015** is the 20% darker color. If you saturate the color by 10%, you get **33.4785, 35.6961, 25.8600**, and if you desaturate by 10%, it is **37.6223, 39.7213, 40.3821**.

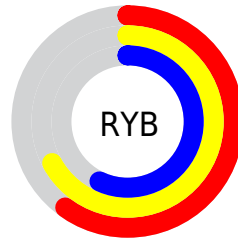
Distribution



Red (67%)

Green (65%)

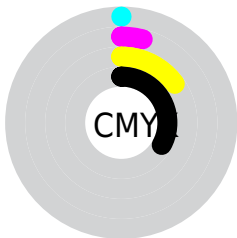
Blue (57%)



Red (60%)

Yellow (67%)

Blue (57%)

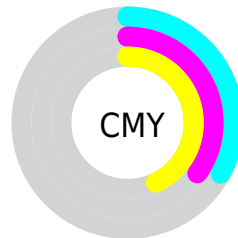


Cyan (0%)

Magenta (4%)

Yellow (15%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4380, 37.6435, 32.5923 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 35.4380, 37.6435, 32.5923 by changing the saturation by 10% instead.

■ 35.4380, 37.6435,
32.5923

■ 35.4380, 37.6435,
32.5923

317.9717,
336.0882, 328.3841

■ 24.1686, 25.7061,
21.5457

■ 67.4933, 71.5614,
64.8471

■ 15.5841, 16.6039,
13.3284

■ 89.0099, 94.3107,
86.8925

■ 9.3193, 9.9525,
7.5217

114.6729,
121.4327, 113.4412

■ 5.0088, 5.3675,
3.7071

144.8477,
153.3119, 144.9119

■ 2.2872, 2.4644,
1.4661

179.8996,
190.3327, 181.7229

■ 0.7881, 0.8588,
0.1925

220.1940,

■ 0.0000, 0.0000,

232.8794, 224.2929

0.0000

266.0962,
281.3364, 273.0405

■ 35.4380, 37.6435,
32.5923

■ 35.4380, 37.6435,
32.5923

■ 33.4785, 35.6961,
25.8600

■ 37.6223, 39.7213,
40.3821

■ 31.7316, 33.8701,
20.1364

■ 40.0368, 41.9282,
49.2705

■ 30.1888, 32.1630,
15.3724

■ 42.6906, 44.2695,
59.2995

■ 28.8395, 30.5703,
11.5136

■ 45.5911, 46.7485,
70.5080

■ 27.6723, 29.0868,
8.5006

■ 48.7457, 49.3684,
82.9332

■ 26.6740, 27.7072,
6.2664

■ 52.1614, 52.1324,
96.6105

■ 25.8301, 26.4250,
4.7342

■ 54.0731, 54.3349,
102.2455

■ 25.1224, 25.2328,
3.8105

■ 54.9969, 56.1824,
102.5534

■ 24.7753, 24.6192,
3.4462

■ 55.9460, 58.0807,
102.8698

Harmonies

Analogous

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



37.0771, 37.6435, 33.2157



35.4380, 37.6435, 32.5923



33.9364, 37.6435, 34.0747

Triad

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



35.4380, 37.6435, 32.5923



33.2760, 37.6435, 46.5958



38.7643, 37.6435, 44.7717

Complementary

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



35.4380, 37.6435, 32.5923



30.4329, 31.5071, 43.0058

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.



37.6872, 37.6435, 48.7769



35.4380, 37.6435, 32.5923



34.5116, 37.6435, 49.8855

Square

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



35.4380, 37.6435, 32.5923



32.7131, 37.6435, 41.9750



36.1222, 37.6435, 50.7128



39.0307, 37.6435, 40.0154

Rectangle

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



35.4380, 37.6435, 32.5923



33.2044, 37.6435, 36.1302



36.1222, 37.6435, 50.7128



38.4834, 37.6435, 46.2615

Sweetspot

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



35.4390, 37.6452, 32.5931



67.6056, 71.3491, 73.1434



32.7619, 31.4914, 34.1654



15.0085, 15.8479, 16.0650



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



35.4390, 37.6452, 32.5931



62.1247, 66.1029, 53.6958



35.2167, 39.1740, 32.8999



8.4974, 8.9997, 8.5026



18.7191, 18.6436, 2.6120



0.5596, 0.5964, 0.0856

Inverse Universe

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



30.4329, 31.5071, 43.0058



51.1755, 52.6788, 76.4727



30.6258, 30.1982, 42.7430



7.7291, 8.0576, 10.1006



6.1748, 3.4835, 29.3914



0.2139, 0.1812, 0.8317

Previews

White Background



This preview shows how the XYZ color 35.4380, 37.6435, 32.5923 looks on a white background.

Color Contrast Check

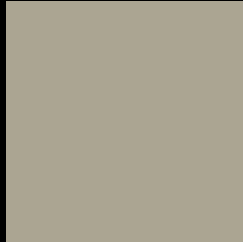
Large Text (above 18pt) WCAG AA × Fail

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 35.4380, 37.6435, 32.5923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

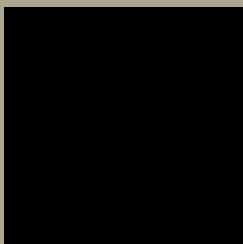
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

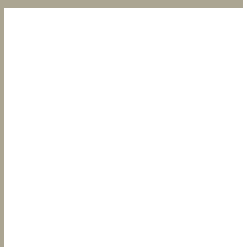
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4380, 37.6435, 32.5923

Background



This preview shows how black text looks on a background with the XYZ color 35.4380, 37.6435, 32.5923.



This preview shows how white text looks on a background with the XYZ color 35.4380, 37.6435,

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

35.4380, 37.6435, 32.5923

Protanopia

35.6567, 37.7562, 32.6025

Deuteranopia

38.1581, 37.4677, 32.8246



Tritanopia

38.0640, 37.6597, 45.3073

Trichromacy



Original Color

35.4380, 37.6435, 32.5923

Protanomaly

35.6567, 37.7562, 32.6025

Deuteranomaly

37.0674, 37.4201, 32.8729

Tritanomaly

37.0767, 37.5197, 40.4098

Monochromacy



Original Color

35.4380, 37.6435, 32.5923

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.5630, 37.5944, 37.7298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4380, 37.6435, 32.5923 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(171, 165, 146)` looks like.

```
.text, #text, p{  
    color:rgb(171, 165, 146)  
}
```

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(171, 165, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 165, 146) }
```

Border

The CSS property to change the border of an element to XYZ 35.4380, 37.6435, 32.5923 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(171, 165, 146) }
```


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

```
.border{ border-color:rgb(171, 165, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 165, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 165, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 165, 146);  
box-shadow:4px 4px 4px 4px rgb(171, 165,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4380, 37.6435, 32.5923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 165, 146) }
```

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

```
.background{ background-color: rgb(171,  
165, 146) }
```

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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