

Converting Colors

XYZ(37.3253, 35.3196, 31.6382)

Have a look what the booklet for
XYZ(37.3253, 35.3196, 31.6382)
contains.

| | |
|--|----|
| XYZ(37.3253, 35.3196, 31.6382) | 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(37.3253, 35.3196,
31.6382)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | BD9891 |
| RGB | 189, 152, 145 |
| RGB Percent | 74%, 60%, 57% |
| CMY | 0.2588, 0.4039, 0.4314 |
| CMYK | 0.00, 0.20, 0.23, 0.26 |
| HSL | 10°, 25%, 65% |
| HSV | 10°, 23%, 74% |
| XYZ | 37.3253, 35.3196, 31.6382 |
| YIQ | 162.2650, 24.2990, 5.6670 |

Conversions

Conversions Part 2

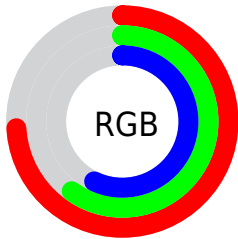
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 189, 153, 145 |
| Decimal | 12425361 |
| CIE Lab | 66.00, 12.72, 8.90 |
| CIE LCh | 66, 15.523, 35.005 |
| Yxy | 35.3196, 0.3579, 0.3387 |
| Android (android.graphics.Color) | 4290615441 (0xFFBD9891) |
| YUV | 162.2650, -8.5116, 23.4466 |
| Hunter-Lab | 59.4303, 8.1042, 10.0377 |

Details

The XYZ color **37.3253, 35.3196, 31.6382** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.5899, 43.1486, 54.4916**, and the grayscale version is **34.4983, 36.2949, 39.5252**.

A 20% lighter version of the original color is **70.3861, 67.8590, 63.4212**, and **16.7109, 15.2845, 12.8959** is the 20% darker color. If you saturate the color by 10%, you get **33.5788, 29.9680, 23.7875**, and if you desaturate by 10%, it is **41.6617, 41.4626, 40.8825**.

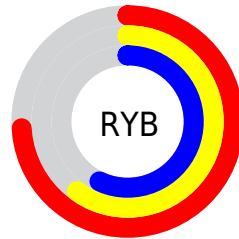
Distribution



Red (74%)

Green (60%)

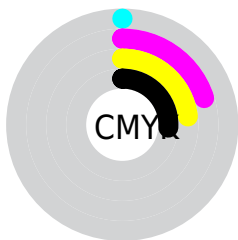
Blue (57%)



Red (74%)

Yellow (60%)

Blue (57%)

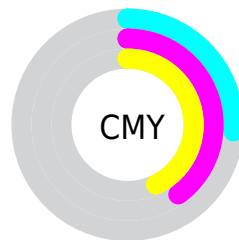


Cyan (0%)

Magenta (20%)

Yellow (23%)

Black (26%)



Cyan (26%)


Magenta (40%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3253, 35.3196, 31.6382 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 37.3253, 35.3196, 31.6382 by changing the saturation by 10% instead.


 37.3253, 35.3196,
31.6382


 37.3253, 35.3196,
31.6382


326.0479,
325.9768, 323.9096

 25.6343, 23.9092,
20.8228


 70.3834, 67.9806,
63.3348

 16.6815, 15.2663,
12.8045


 92.4812, 89.9999,
85.0530

 10.1016, 9.0065,
7.1649

118.7786,
116.3244, 111.2426

 5.5291, 4.7454,
3.4855

149.6411,
147.3383, 142.3220

 2.5989, 2.0987,
1.3475

185.4339,
183.4261, 178.7099

 0.9454, 0.6639,
0.1003

226.5224,

 0.0000, 0.0000,

224.9722, 220.8248

0.0000

273.2719,
272.3610, 269.0852

■ 37.3253, 35.3196,
31.6382

■ 37.3253, 35.3196,
31.6382

■ 33.5788, 29.9680,
23.7875

■ 41.6617, 41.4626,
40.8825

■ 30.3939, 25.3709,
17.2606

■ 46.6094, 48.4224,
51.5813

■ 27.7439, 21.4956,
11.9849

■ 52.1918, 56.2293,
63.7944

■ 25.5988, 18.3051,
7.8798

■ 58.4306, 64.9104,
77.5778

■ 23.9258, 15.7592,
4.8554

■ 65.3462, 74.4918,
92.9845

■ 22.6878, 13.8132,
2.8087

■ 72.4056, 84.7774,
107.1552

■ 21.8418, 12.4167,
1.6162

■ 74.7963, 89.5588,
107.9521

■ 21.4527, 11.7516,
1.1376

Harmonies

Analogous

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



38.1723, 35.3196, 37.3625



37.3253, 35.3196, 31.6382



35.4742, 35.3196, 28.0802

Triad

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



37.3253, 35.3196, 31.6382



29.7186, 35.3196, 33.3487



33.9576, 35.3196, 52.5076

Complementary

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



37.3253, 35.3196, 31.6382



37.5899, 43.1486, 54.4916

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.



31.7356, 35.3196, 51.1192



37.3253, 35.3196, 31.6382



29.3537, 35.3196, 39.5728

Square

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



37.3253, 35.3196, 31.6382



31.0962, 35.3196, 28.9858



30.0758, 35.3196, 46.1913



36.1721, 35.3196, 49.7948

Rectangle

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



37.3253, 35.3196, 31.6382



33.9569, 35.3196, 27.1672



30.0758, 35.3196, 46.1913



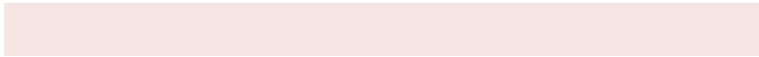
33.1865, 35.3196, 52.5078

Sweetspot

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



37.3263, 35.3212, 31.6389



79.9493, 81.7712, 84.7241



39.5969, 34.4640, 49.0385



17.0775, 17.4225, 17.9701



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



37.3263, 35.3212, 31.6389



63.2539, 58.1325, 49.0941



41.1563, 42.9812, 32.9156



9.6496, 9.7751, 9.9548



14.4714, 7.9816, 0.7779



0.6060, 0.3909, 0.0435

Inverse Universe

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



37.5899, 43.1486, 54.4916



63.8047, 74.6231, 97.2670



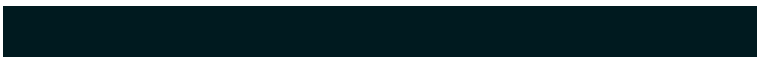
33.5030, 34.9748, 53.1293



9.6758, 10.5438, 12.1974



14.5588, 19.2292, 35.3372



0.6055, 0.8237, 1.3959

Previews

White Background



This preview shows how the XYZ color 37.3253, 35.3196, 31.6382 looks on a white background.

Color Contrast Check

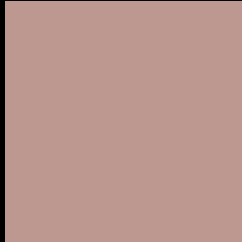
Large Text (above 18pt) WCAG AA × Fail

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 37.3253, 35.3196, 31.6382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

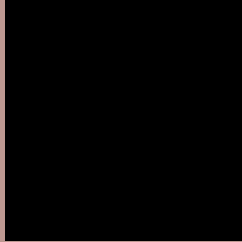
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3253, 35.3196, 31.6382

Background



This preview shows how black text looks on a background with the XYZ color 37.3253, 35.3196, 31.6382.



This preview shows how white text looks on a background with the XYZ color 37.3253, 35.3196,

31.6382.

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

37.3253, 35.3196, 31.6382

Protanopia

33.7215, 35.4185, 33.4929

Deuteranopia

36.0468, 35.4014, 31.3188



Tritanopia

38.8252, 35.4623, 38.5168

Trichromacy



Original Color

37.3253, 35.3196, 31.6382

Protanomaly

34.8578, 35.2507, 32.9838

Deuteranomaly

36.5972, 35.4391, 31.2971

Tritanomaly

38.2182, 35.4469, 35.8380

Monochromacy



Original Color

37.3253, 35.3196, 31.6382

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.2409, 35.6247, 36.4713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3253, 35.3196, 31.6382 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(189, 152, 145)` looks like.

```
.text, #text, p{  
    color:rgb(189, 152, 145)  
}
```

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(189, 152, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 152, 145) }
```

Border

The CSS property to change the border of an element to XYZ 37.3253, 35.3196, 31.6382 is called "border". The border property can be set on classes, ids or directly on the HTML element.

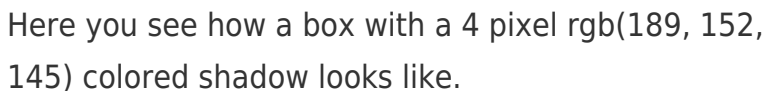
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 152, 145) }
```


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

```
.border{ border-color:rgb(189, 152, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 152, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 152, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 152, 145); box-shadow:4px 4px 4px 4px rgb(189, 152, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3253, 35.3196, 31.6382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 152, 145) }
```

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

```
.background{ background-color: rgb(189,  
152, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor