

Converting Colors

XYZ(36.8441, 36.7083, 40.0180)

Have a look what the booklet for
XYZ(36.8441, 36.7083, 40.0180)
contains.

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Color

**XYZ(36.6882, 36.5546,
39.7724)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | AF9FA3 |
| RGB | 175, 159, 163 |
| RGB Percent | 69%, 62%, 64% |
| CMY | 0.3137, 0.3765, 0.3608 |
| CMYK | 0.00, 0.09, 0.07, 0.31 |
| HSL | 345°, 9%, 65% |
| HSV | 345°, 9%, 69% |
| XYZ | 36.6882, 36.5546, 39.7724 |
| YIQ | 164.2400, 8.2520, 4.6360 |

Conversions

Conversions Part 2

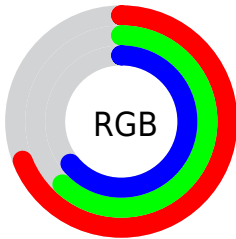
| Format | Color |
|-------------------------------------|--|
| RYB | 175, 159, 163 |
| Decimal | 11509667 |
| CIELab | 66.94, 6.55, 0.04 |
| CIELCh | 67, 6.548, 0.308 |
| Yxy | 36.5546, 0.3246, 0.3234 |
| Android (android.graphics.Color) | 4289699747 (0xFFAF9FA3) |
| YUV | 164.2400, -0.6113, 9.4365 |
| Hunter-Lab | 60.4604, 2.5105, 3.3198 |

Details

The XYZ color **36.6882, 36.5546, 39.7724** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.9801, 40.9721, 44.4894**, and the grayscale version is **35.4018, 37.2455, 40.5603**.

A 20% lighter version of the original color is **69.6565, 70.1440, 76.1975**, and **16.2578, 16.0104, 17.2724** is the 20% darker color. If you saturate the color by 10%, you get **32.7736, 30.5108, 32.9626**, and if you desaturate by 10%, it is **41.1530, 43.5026, 47.3690**.

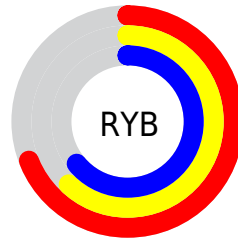
Distribution



Red (69%)

Green (62%)

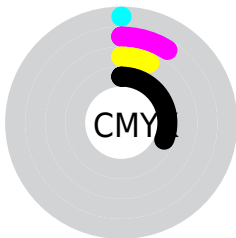
Blue (64%)



Red (69%)

Yellow (62%)

Blue (64%)

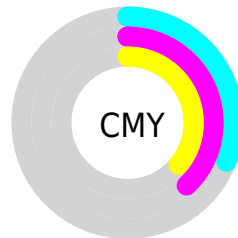


Cyan (0%)

Magenta (9%)

Yellow (7%)

Black (31%)



Cyan (31%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6882, 36.5546, 39.7724 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 36.6882, 36.5546, 39.7724 by changing the saturation by 10% instead.

■ 36.6882, 36.5546,
39.7724

■ 36.6882, 36.5546,
39.7724

323.3376,
331.3781, 360.6869

■ 25.1387, 24.8628,
27.0487

■ 69.4099, 69.8872,
76.0501

■ 16.3097, 15.9749,
17.3770

■ 91.3129, 92.2969,
100.4412

■ 9.8358, 9.5064,
10.3389

117.3977,
119.0479, 129.5585

■ 5.3517, 5.0729,
5.5157

148.0298,
150.5248, 163.8205

■ 2.4919, 2.2901,
2.4889

183.5745,
187.1118, 203.6458

■ 0.8912, 0.7685,
0.8343

224.3971,

■ 0.0000, 0.0000,

229.1935, 249.4529

0.0000

270.8631,
277.1541, 301.6605

■ 36.6882, 36.5546,
39.7724

■ 36.6882, 36.5546,
39.7724

■ 32.7736, 30.5108,
32.9626

■ 41.1530, 43.5026,
47.3690

■ 29.3847, 25.3293,
26.9118

■ 46.1853, 51.3849,
55.7742

■ 26.4995, 20.9719,
21.5938

■ 51.8054, 60.2362,
65.0121

■ 24.0934, 17.3960,
16.9802

■ 58.0316, 70.0879,
75.1049

■ 22.1395, 14.5548,
13.0407

■ 64.8814, 80.9701,
86.0740

■ 20.6082, 12.3965,
9.7425

■ 69.4314, 87.0309,
96.9601

■ 19.4664, 10.8628,
7.0502

■ 71.4724, 87.8473,
107.7078

■ 18.6755, 9.8852,
4.9241

■ 71.4894, 87.8541,
107.7974

■ 18.1665, 9.3350,
3.3121

Harmonies

Analogous

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



36.4289, 36.5546, 42.5718



36.6882, 36.5546, 39.7724



36.4183, 36.5546, 37.1060

Triad

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



36.6882, 36.5546, 39.7724



33.7896, 36.5546, 35.2658



33.8070, 36.5546, 44.7425

Complementary

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



36.6882, 36.5546, 39.7724



36.9801, 40.9721, 44.4894

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.



33.1219, 36.5546, 42.6250



36.6882, 36.5546, 39.7724



33.1120, 36.5546, 37.1545

Square

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



36.6882, 36.5546, 39.7724



34.7338, 36.5546, 34.5811



32.8698, 36.5546, 39.8311



34.7543, 36.5546, 45.5230

Rectangle

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



36.6882, 36.5546, 39.7724



35.9776, 36.5546, 35.7413



32.8698, 36.5546, 39.8311



33.5390, 36.5546, 44.1587

Sweetspot

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



36.6892, 36.5562, 39.7732



70.4569, 72.8490, 79.3445



36.9318, 36.5511, 45.6664



15.5168, 15.9688, 17.3921



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



36.6892, 36.5562, 39.7732



64.1925, 63.1221, 68.6189



37.0356, 37.8130, 38.1495



8.0843, 8.0470, 8.7546



13.0039, 6.6641, 2.4002



0.3836, 0.1941, 0.1819

Inverse Universe

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



36.6892, 36.5562, 39.7732



64.1925, 63.1221, 68.6189



36.6001, 39.5930, 46.2711



8.0843, 8.0470, 8.7546



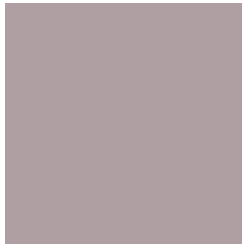
13.0039, 6.6641, 2.4002



0.3836, 0.1941, 0.1819

Previews

White Background



This preview shows how the XYZ color 36.6882, 36.5546, 39.7724 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 36.6882, 36.5546, 39.7724 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

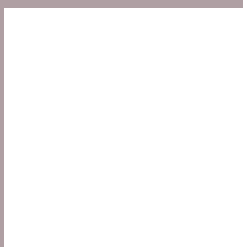
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.6882, 36.5546, 39.7724

Background



This preview shows how black text looks on a background with the XYZ color 36.6882, 36.5546, 39.7724.



This preview shows how white text looks on a background with the XYZ color 36.6882, 36.5546,

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

36.6882, 36.5546, 39.7724

Protanopia

35.2289, 36.5566, 40.7967

Deuteranopia

37.1978, 36.5630, 39.7472



Tritanopia

37.3871, 36.5861, 43.1215

Trichromacy



Original Color

36.6882, 36.5546, 39.7724

Protanomaly

35.8079, 36.6051, 40.3002

Deuteranomaly

36.9692, 36.4452, 39.7365

Tritanomaly

37.1064, 36.4738, 41.6437

Monochromacy



Original Color

36.6882, 36.5546, 39.7724

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.7696, 36.8458, 40.3487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6882, 36.5546, 39.7724 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(175, 159, 163)` looks like.

```
.text, #text, p{  
    color:rgb(175, 159, 163)  
}
```

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(175, 159, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 159, 163) }
```

Border

The CSS property to change the border of an element to XYZ 36.6882, 36.5546, 39.7724 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(175, 159, 163) }
```


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

```
.border{ border-color:rgb(175, 159, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 159, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 159, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 159, 163);  
box-shadow:4px 4px 4px 4px rgb(175, 159,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6882, 36.5546, 39.7724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 159, 163) }
```

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

```
.background{ background-color: rgb(175,  
159, 163) }
```

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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