

Converting Colors

XYZ(35.9209, 36.5845, 39.1541)

Have a look what the booklet for
XYZ(35.9209, 36.5845, 39.1541)
contains.

XYZ(36.0610, 36.7563, 39.3765)	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(36.0610, 36.7563,
39.3765)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA1A2
RGB	171, 161, 162
RGB Percent	67%, 63%, 64%
CMY	0.3294, 0.3686, 0.3647
CMYK	0.00, 0.06, 0.05, 0.33
HSL	354°, 6%, 65%
HSV	354°, 6%, 67%
XYZ	36.0610, 36.7563, 39.3765
YIQ	164.1040, 5.6390, 2.4310

Conversions

Conversions Part 2

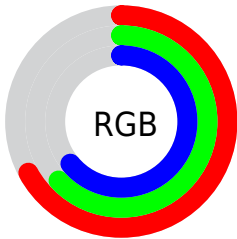
Format	Color
RYB	171, 161, 162
Decimal	11248034
CIELab	67.09, 3.80, 0.77
CIELCh	67, 3.883, 11.494
Yxy	36.7563, 0.3214, 0.3276
Android (android.graphics.Color)	4289438114 (0xFFABA1A2)
YUV	164.1040, -1.0373, 6.0478
Hunter-Lab	60.6270, 0.0748, 3.9307

Details

The XYZ color **36.0610, 36.7563, 39.3765** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.5179, 39.6060, 43.7521**, and the grayscale version is **35.3398, 37.1803, 40.4893**.

A 20% lighter version of the original color is **68.4443, 70.2902, 75.6056**, and **15.9982, 16.1996, 17.0355** is the 20% darker color. If you saturate the color by 10%, you get **31.9891, 30.6698, 31.6760**, and if you desaturate by 10%, it is **40.7112, 43.7305, 48.0973**.

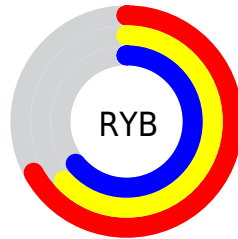
Distribution



Red (67%)

Green (63%)

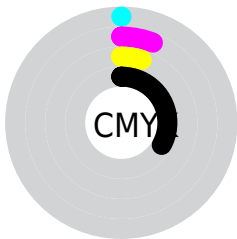
Blue (64%)



Red (67%)

Yellow (63%)

Blue (64%)

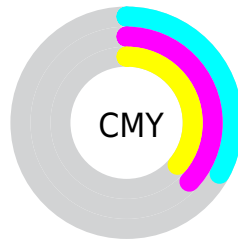


Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (33%)



Cyan (33%)

Magenta (37%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0610, 36.7563, 39.3765 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 36.0610, 36.7563, 39.3765 by changing the saturation by 10% instead.

■ 36.0610, 36.7563,
39.3765

■ 36.0610, 36.7563,
39.3765

320.6537,
332.2542, 358.9622

■ 24.6516, 25.0189,
26.7427

■ 68.4495, 70.1978,
75.4398

■ 15.9451, 16.0911,
17.1493

■ 90.1593, 92.6707,
99.7063

■ 9.5759, 9.5886,
10.1779

116.0333,
119.4908, 128.6875

■ 5.1788, 5.1271,
5.4099

146.4368,
151.0426, 162.8019

■ 2.3884, 2.3220,
2.4268

181.7353,
187.7104, 202.4680

■ 0.8393, 0.7853,
0.8010

222.2940,

■ 0.0000, 0.0000,

229.8787, 248.1044

0.0000

268.4784,
277.9319, 300.1296

■ 36.0610, 36.7563,
39.3765

■ 36.0610, 36.7563,
39.3765

■ 31.9891, 30.6698,
31.6760

■ 40.7112, 43.7305,
48.0973

■ 28.4699, 25.4306,
24.9562

■ 45.9579, 51.6208,
57.8712

■ 25.4805, 21.0028,
19.1783

■ 51.8224, 60.4605,
68.7327

■ 22.9952, 17.3457,
14.3002

■ 58.3237, 70.2798,
80.7139

■ 20.9859, 14.4151,
10.2765

■ 65.4804, 81.1074,
93.8457

■ 19.4222, 12.1626,
7.0578

■ 70.5033, 87.3574,
107.2219

■ 18.2697, 10.5336,
4.5898

■ 70.6047, 87.3980,
107.7560

■ 17.4892, 9.4652,
2.8111

■ 17.0310, 8.8759,
1.6500

Harmonies

Analogous

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



36.0243, 36.7563, 41.0631



36.0610, 36.7563, 39.3765



35.7937, 36.7563, 37.9040

Triad

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



36.0610, 36.7563, 39.3765



34.1884, 36.7563, 37.6333



34.5764, 36.7563, 43.1869

Complementary

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



36.0610, 36.7563, 39.3765



36.5179, 39.6060, 43.7521

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.



34.0916, 36.7563, 42.2161



36.0610, 36.7563, 39.3765



33.8694, 36.7563, 38.9974

Square

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



36.0610, 36.7563, 39.3765



34.7099, 36.7563, 36.9167



33.8342, 36.7563, 40.6732



35.1626, 36.7563, 43.2954

Rectangle

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



36.0610, 36.7563, 39.3765



35.4808, 36.7563, 37.2295



33.8342, 36.7563, 40.6732



34.3963, 36.7563, 42.9494

Sweetspot

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



36.0620, 36.7579, 39.3773



67.6337, 70.3992, 76.2543



36.6741, 36.9777, 43.7329



15.1030, 15.7300, 17.0434



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.



36.0620, 36.7579, 39.3773



63.5959, 64.3506, 68.6593



36.6838, 38.1426, 39.1490



8.2188, 8.3006, 8.8470



12.7469, 6.5613, 1.0467



0.3647, 0.1866, 0.0825

Inverse Universe

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



36.0620, 36.7579, 39.3773



63.5959, 64.3506, 68.6593



35.8686, 38.1560, 44.0028



8.2188, 8.3006, 8.8470



12.7469, 6.5613, 1.0467



0.3647, 0.1866, 0.0825

Previews

White Background



This preview shows how the XYZ color 36.0610, 36.7563, 39.3765 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 36.0610, 36.7563, 39.3765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

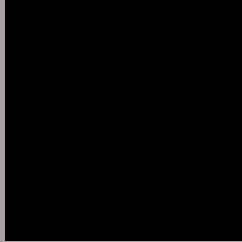
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.0610, 36.7563, 39.3765

Background



This preview shows how black text looks on a background with the XYZ color 36.0610, 36.7563, 39.3765.



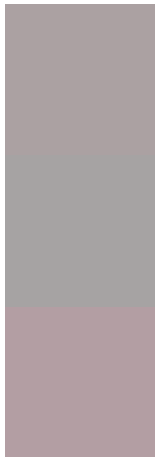
This preview shows how white text looks on a background with the XYZ color 36.0610, 36.7563,

39.3765.

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

36.0610, 36.7563, 39.3765

Protanopia

35.4339, 36.9457, 39.9140

Deuteranopia

37.4281, 36.6818, 39.7579



Tritanopia

36.8578, 36.5455, 44.1411

Trichromacy



Original Color

36.0610, 36.7563, 39.3765

Protanomaly

35.6796, 36.8098, 39.8748

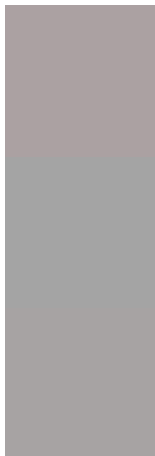
Deuteranomaly

36.9135, 36.6707, 39.7829

Tritanomaly

36.6519, 36.7394, 42.2054

Monochromacy



Original Color

36.0610, 36.7563, 39.3765

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.6444, 37.0542, 39.9238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0610, 36.7563, 39.3765 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, 161, 162) looks like.

```
.text, #text, p{  
    color:rgb(171, 161, 162)  
}
```

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, 161, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 161, 162) }
```

Border

The CSS property to change the border of an element to XYZ 36.0610, 36.7563, 39.3765 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, 161, 162) }
```


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

```
.border{ border-color:rgb(171, 161, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 161, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 161, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 161, 162); box-shadow:4px 4px 4px 4px rgb(171, 161, 162) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0610, 36.7563, 39.3765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 161, 162) }
```

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

```
.background{ background-color: rgb(171,  
161, 162) }
```

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