

Converting Colors

XYZ(36.1708, 38.0863, 40.3134)

Have a look what the booklet for
XYZ(36.1708, 38.0863, 40.3134)
contains.

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Color

**XYZ(36.1834, 38.1323,
40.1035)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A6A3
RGB	167, 166, 163
RGB Percent	65%, 65%, 64%
CMY	0.3451, 0.3490, 0.3608
CMYK	0.00, 0.01, 0.02, 0.35
HSL	45°, 2%, 65%
HSV	45°, 2%, 65%
XYZ	36.1834, 38.1323, 40.1035
YIQ	165.9570, 1.5590, -0.7210

Conversions

Conversions Part 2

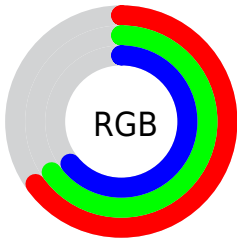
Format	Color
RYB	164, 167, 163
Decimal	10987171
CIELab	68.12, -0.20, 1.67
CIELCh	68, 1.680, 96.867
Yxy	38.1323, 0.3162, 0.3333
Android (android.graphics.Color)	4289177251 (0xFFA7A6A3)
YUV	165.9570, -1.4578, 0.9147
Hunter-Lab	61.7514, -3.4722, 4.7209

Details

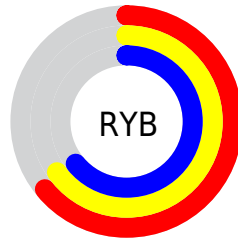
The XYZ color **36.1834, 38.1323, 40.1035** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.3547, 37.1268, 41.8624**, and the grayscale version is **36.2319, 38.1188, 41.5114**.

A 20% lighter version of the original color is **68.6355, 72.3045, 76.6683**, and **15.9568, 16.8272, 17.4459** is the 20% darker color. If you saturate the color by 10%, you get **34.0410, 36.0858, 32.4882**, and if you desaturate by 10%, it is **38.5500, 40.3101, 48.7694**.

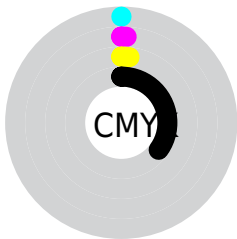
Distribution



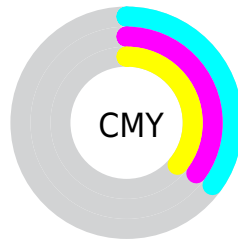
- Red (65%)
- Green (65%)
- Blue (64%)



- Red (64%)
- Yellow (65%)
- Blue (64%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (35%)





- Cyan (35%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1834, 38.1323, 40.1035 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 36.1834, 38.1323, 40.1035 by changing the saturation by 10% instead.


 36.1834, 38.1323,
40.1035


 36.1834, 38.1323,
40.1035


321.1787,
338.1872, 362.1247

 24.7466, 26.0854,
27.3048


 68.6371, 72.3109,
76.5599

 16.0161, 16.8875,
17.5678


 90.3847, 95.2113,
101.0547

 9.6265, 10.1543,
10.4740


116.3000,
122.4984, 130.2854

 5.2124, 5.5014,
5.6046

146.7483,
154.5565, 164.6704

 2.4084, 2.5444,
2.5413

182.0949,
191.7701, 204.6283

 0.8493, 0.8988,
0.8619

222.7053,

 0.0000, 0.0000,

234.5234, 250.5776

0.0000

268.9448,
283.2010, 302.9369

■ 36.1834, 38.1323,
40.1035

■ 36.1834, 38.1323,
40.1035

■ 34.0410, 36.0858,
32.4882

■ 38.5500, 40.3101,
48.7694

■ 32.1118, 34.1621,
25.8804

■ 41.1452, 42.6176,
58.5218

■ 30.3884, 32.3592,
20.2379

■ 43.9771, 45.0597,
69.3978

■ 28.8617, 30.6730,
15.5142

■ 47.0525, 47.6395,
81.4322

■ 27.5221, 29.0993,
11.6592

■ 50.3780, 50.3598,
94.6581

■ 26.3588, 27.6334,
8.6180

■ 52.6107, 52.6839,
102.0039

■ 25.3600, 26.2703,
6.3292

■ 53.5309, 54.5243,
102.3106

■ 24.5121, 25.0040,
4.7229

■ 54.4771, 56.4167,
102.6260

■ 23.7992, 23.8277,
3.7156

■ 55.4494, 58.3614,
102.9501

Harmonies

Analogous

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



36.4419, 38.1323, 40.2068



36.1834, 38.1323, 40.1035



35.9422, 38.1323, 40.3759

Triad

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



36.1834, 38.1323, 40.1035



35.8420, 38.1323, 42.3913



36.7089, 38.1323, 42.0890

Complementary

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



36.1834, 38.1323, 40.1035



35.3547, 37.1268, 41.8624

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.



36.5467, 38.1323, 42.6846



36.1834, 38.1323, 40.1035



36.0460, 38.1323, 42.8606

Square

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



36.1834, 38.1323, 40.1035



35.7457, 38.1323, 41.6924



36.3039, 38.1323, 42.9686



36.7461, 38.1323, 41.3473

Rectangle

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



36.1834, 38.1323, 40.1035



35.8234, 38.1323, 40.7359



36.3039, 38.1323, 42.9686



36.6671, 38.1323, 42.3132

Sweetspot

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



36.1845, 38.1339, 40.1043



65.3629, 68.8177, 73.8472



35.7348, 37.0907, 40.3983



14.6322, 15.4050, 16.5446



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



36.1845, 38.1339, 40.1043



64.5383, 68.0460, 70.8672



36.1559, 38.3892, 40.1551



8.2638, 8.7169, 8.9892



17.8846, 17.6664, 2.4673



0.4720, 0.5036, 0.0723

Inverse Universe

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



35.3547, 37.1268, 41.8624



62.6512, 65.7556, 74.8653



35.3826, 36.8775, 41.8128



7.9699, 8.3601, 9.6119



5.9943, 3.4488, 28.3252



0.1850, 0.1623, 0.7022

Previews

White Background



This preview shows how the XYZ color 36.1834, 38.1323, 40.1035 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 36.1834, 38.1323, 40.1035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

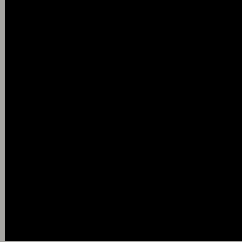
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.1834, 38.1323, 40.1035

Background



This preview shows how black text looks on a background with the XYZ color 36.1834, 38.1323, 40.1035.



This preview shows how white text looks on a background with the XYZ color 36.1834, 38.1323,

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

36.1834, 38.1323, 40.1035

Protanopia

36.6436, 38.1007, 40.0732

Deuteranopia

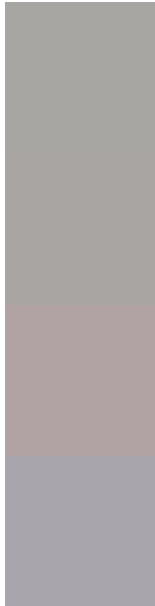
38.9741, 38.2374, 40.4483



Tritanopia

37.5735, 38.1603, 46.9803

Trichromacy



Original Color

36.1834, 38.1323, 40.1035

Protanomaly

36.4282, 37.9896, 40.0631

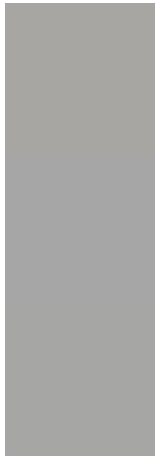
Deuteranomaly

37.9295, 38.2218, 40.5004

Tritanomaly

37.0500, 38.2137, 44.4530

Monochromacy



Original Color

36.1834, 38.1323, 40.1035

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.1536, 38.0960, 41.0451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1834, 38.1323, 40.1035 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(167, 166, 163) looks like.

```
.text, #text, p{  
    color:rgb(167, 166, 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(167, 166, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 166, 163) }
```

Border

The CSS property to change the border of an element to XYZ 36.1834, 38.1323, 40.1035 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(167, 166, 163) }
```


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

```
.border{ border-color:rgb(167, 166, 163) }
```

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

Here you see how a box with a 4 pixel rgb(167, 166, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 166, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 166, 163);  
box-shadow:4px 4px 4px 4px rgb(167, 166,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1834, 38.1323, 40.1035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 166, 163) }
```

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

```
.background{ background-color: rgb(167,  
166, 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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