

Converting Colors

XYZ(36.6851, 37.0048, 35.0607)

Have a look what the booklet for
XYZ(36.6851, 37.0048, 35.0607)
contains.

XYZ(36.5984, 36.8736, 34.8941)	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(36.5984, 36.8736,
34.8941)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A098
RGB	178, 160, 152
RGB Percent	70%, 63%, 60%
CMY	0.3020, 0.3725, 0.4039
CMYK	0.00, 0.10, 0.15, 0.30
HSL	18°, 14%, 65%
HSV	18°, 15%, 70%
XYZ	36.5984, 36.8736, 34.8941
YIQ	164.4700, 13.2960, 1.3280

Conversions

Conversions Part 2

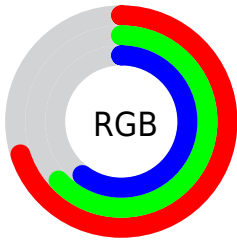
Format	Color
RYB	178, 164, 152
Decimal	11706520
CIELab	67.18, 5.21, 6.55
CIELCh	67, 8.373, 51.490
Yxy	36.8736, 0.3377, 0.3403
Android (android.graphics.Color)	4289896600 (0xFFB2A098)
YUV	164.4700, -6.1477, 11.8658
Hunter-Lab	60.7236, 1.3164, 8.4363

Details

The XYZ color **36.5984, 36.8736, 34.8941** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.3593, 38.6383, 47.7141**, and the grayscale version is **35.5354, 37.3860, 40.7134**.

A 20% lighter version of the original color is **69.3727, 70.5495, 68.3536**, and **16.2750, 16.2368, 14.5882** is the 20% darker color. If you saturate the color by 10%, you get **33.2177, 32.2726, 27.1063**, and if you desaturate by 10%, it is **40.4116, 41.9888, 43.9064**.

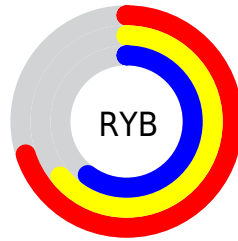
Distribution



Red (70%)

Green (63%)

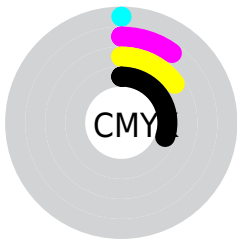
Blue (60%)



Red (70%)

Yellow (64%)

Blue (60%)

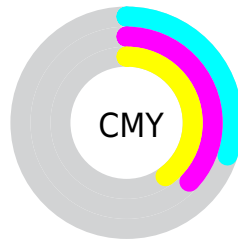


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (30%)



Cyan (30%)

Magenta (37%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5984, 36.8736, 34.8941 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 36.5984, 36.8736, 34.8941 by changing the saturation by 10% instead.

■ 36.5984, 36.8736,
34.8941

■ 36.5984, 36.8736,
34.8941

322.9543,
332.7630, 338.9907

■ 25.0689, 25.1096,
23.2984

■ 69.2725, 70.3783,
68.4714

■ 16.2574, 16.1588,
14.6066

■ 91.1479, 92.8879,
91.2901

■ 9.7985, 9.6366,
8.4002

117.2027,
119.7481, 118.6868

■ 5.3268, 5.1587,
4.2607

147.8022,
151.3434, 151.0802

■ 2.4770, 2.3407,
1.7694

183.3117,
188.0581, 188.8887

■ 0.8837, 0.7951,
0.4077

224.0967,

■ 0.0000, 0.0000,

230.2767, 232.5310

0.0000

270.5224,
278.3835, 282.4254

■ 36.5984, 36.8736,
34.8941

■ 36.5984, 36.8736,
34.8941

■ 33.2177, 32.2726,
27.1063

■ 40.4116, 41.9888,
43.9064

■ 30.2507, 28.1648,
20.4875

■ 44.6694, 47.6287,
54.1908

■ 27.6815, 24.5347,
14.9813

■ 49.3869, 53.8096,
65.7952

■ 25.4921, 21.3643,
10.5256

■ 54.5778, 60.5457,
78.7644

■ 23.6627, 18.6345,
7.0524

■ 60.2550, 67.8507,
93.1409

■ 22.1720, 16.3244,
4.4853

■ 65.8128, 75.4902,
105.7101

■ 20.9955, 14.4115,
2.7365

■ 69.4420, 82.7486,
106.9198

■ 20.1051, 12.8706,
1.7003

■ 72.1702, 88.2051,
107.8292

■ 19.7166, 12.1778,
1.3114

Harmonies

Analogous

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



37.3819, 36.8736, 37.6277



36.5984, 36.8736, 34.8941



35.4118, 36.8736, 33.5884

Triad

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



36.5984, 36.8736, 34.8941



32.6746, 36.8736, 39.1175



35.9545, 36.8736, 47.0540

Complementary

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



36.5984, 36.8736, 34.8941



35.3593, 38.6383, 47.7141

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.



34.6852, 36.8736, 47.5129



36.5984, 36.8736, 34.8941



32.8119, 36.8736, 42.7807

Square

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



36.5984, 36.8736, 34.8941



33.1608, 36.8736, 35.9279



33.5406, 36.8736, 45.9068



37.0039, 36.8736, 44.6886

Rectangle

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



36.5984, 36.8736, 34.8941



34.5604, 36.8736, 33.6448



33.5406, 36.8736, 45.9068



35.5386, 36.8736, 47.4419

Sweetspot

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



36.5994, 36.8752, 34.8949



73.6775, 76.6685, 80.5634



36.8634, 34.8318, 42.9102



16.2017, 16.8240, 17.5582



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



36.5994, 36.8752, 34.8949



64.0086, 63.6715, 57.7926



38.9332, 41.5429, 35.6728



8.7027, 8.9178, 8.9152



14.1573, 8.8131, 0.9549



0.4985, 0.3835, 0.0477

Inverse Universe

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



35.3593, 38.6383, 47.7141



61.2598, 67.5759, 86.1959



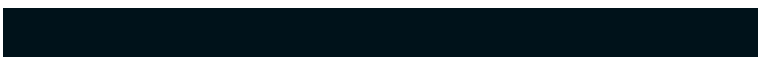
33.0761, 34.0719, 46.9531



8.5175, 9.1813, 10.8296



10.8938, 12.5879, 31.9925



0.3916, 0.4937, 1.0229

Previews

White Background



This preview shows how the XYZ color 36.5984, 36.8736, 34.8941 looks on a white background.

Color Contrast Check

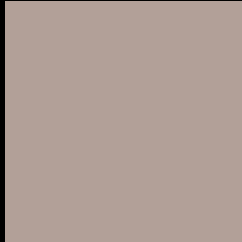
Large Text (above 18pt) WCAG AA × Fail

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 36.5984, 36.8736, 34.8941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

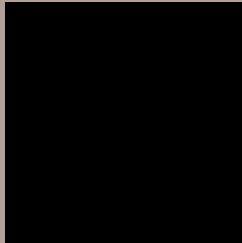
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.5984, 36.8736, 34.8941

Background



This preview shows how black text looks on a background with the XYZ color 36.5984, 36.8736, 34.8941.



This preview shows how white text looks on a background with the XYZ color 36.5984, 36.8736,

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

36.5984, 36.8736, 34.8941

Protanopia

35.2921, 36.9625, 35.8462

Deuteranopia

37.6615, 36.9111, 34.8453



Tritanopia

38.1351, 36.7195, 43.1079

Trichromacy



Original Color

36.5984, 36.8736, 34.8941

Protanomaly

35.6834, 36.9112, 35.3809

Deuteranomaly

37.3570, 37.0084, 34.8802

Tritanomaly

37.4281, 36.6818, 39.7579

Monochromacy



Original Color

36.5984, 36.8736, 34.8941

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.8045, 37.1675, 38.5446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5984, 36.8736, 34.8941 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(178, 160, 152)` looks like.

```
.text, #text, p{  
    color:rgb(178, 160, 152)  
}
```

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(178, 160, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 160, 152) }
```

Border

The CSS property to change the border of an element to XYZ 36.5984, 36.8736, 34.8941 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(178, 160, 152) }
```


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

```
.border{ border-color:rgb(178, 160, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 160, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 160, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 160, 152);  
box-shadow:4px 4px 4px 4px rgb(178, 160,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5984, 36.8736, 34.8941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 160, 152) }
```

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

```
.background{ background-color: rgb(178,  
160, 152) }
```

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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