

Converting Colors

XYZ(34.0036, 34.4191, 36.1761)

Have a look what the booklet for
XYZ(34.0036, 34.4191, 36.1761)
contains.

XYZ(34.0377, 34.5021, 36.3181)	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(34.0377, 34.5021,
36.3181)**

Conversions

Conversions Part 1

Format	Color
Hex	A89C9C
RGB	168, 156, 156
RGB Percent	66%, 61%, 61%
CMY	0.3412, 0.3882, 0.3882
CMYK	0.00, 0.07, 0.07, 0.34
HSL	0°, 6%, 64%
HSV	0°, 7%, 66%
XYZ	34.0377, 34.5021, 36.3181
YIQ	159.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

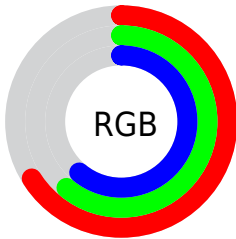
Format	Color
RYB	168, 156, 156
Decimal	11050140
CIELab	65.36, 4.38, 1.57
CIElCh	65, 4.655, 19.737
Yxy	34.5021, 0.3246, 0.3290
Android (android.graphics.Color)	4289240220 (0xFFA89C9C)
YUV	159.5880, -1.7689, 7.3773
Hunter-Lab	58.7385, 0.6446, 4.4578

Details

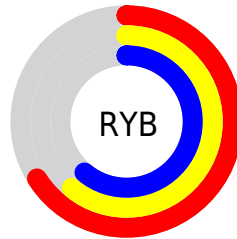
The XYZ color **34.0377, 34.5021, 36.3181** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.7808, 37.8997, 42.5285**, and the grayscale version is **33.2305, 34.9610, 38.0726**.

A 20% lighter version of the original color is **65.1109, 66.4343, 70.3642**, and **14.8038, 14.8361, 15.4480** is the 20% darker color. If you saturate the color by 10%, you get **30.0864, 28.7205, 28.4611**, and if you desaturate by 10%, it is **38.5775, 41.1449, 45.3429**.

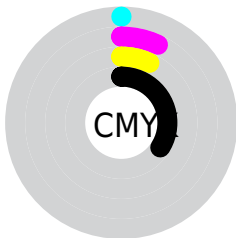
Distribution



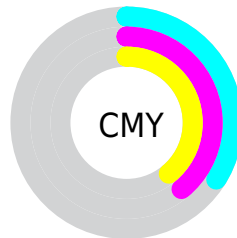
- Red (66%)
- Green (61%)
- Blue (61%)



- Red (66%)
- Yellow (61%)
- Blue (61%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (34%)



- Cyan (34%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0377, 34.5021, 36.3181 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 34.0377, 34.5021, 36.3181 by changing the saturation by 10% instead.

■ 34.0377, 34.5021,
36.3181

■ 34.0377, 34.5021,
36.3181

311.8831,
322.3651, 345.4281

■ 23.0856, 23.2796,
24.3883

■ 65.3362, 66.7137,
70.6973

■ 14.7778, 14.8001,
15.4071

■ 86.4133, 88.4716,
93.9839

■ 8.7489, 8.6792,
8.9558

111.5961,
114.5101, 121.8931

■ 4.6335, 4.5325,
4.6159

141.2499,
145.2136, 154.8435

■ 2.0664, 1.9757,
1.9690

175.7402,
180.9664, 193.2537

■ 0.6709, 0.5933,
0.5361

215.4323,

■ 0.0000, 0.0000,

222.1530, 237.5422

0.0000

260.6914,
269.1578, 288.1275

■ 34.0377, 34.5021,
36.3181

■ 34.0377, 34.5021,
36.3181

■ 30.0864, 28.7205,
28.4611

■ 38.5775, 41.1449,
45.3429

■ 26.6967, 23.7606,
21.7221

■ 43.7255, 48.6774,
55.5782

■ 23.8441, 19.5865,
16.0509

■ 49.5038, 57.1322,
67.0670

■ 21.5009, 16.1578,
11.3929

■ 55.9330, 66.5393,
79.8500

■ 19.6373, 13.4308,
7.6884

■ 63.0323, 76.9268,
93.9656

■ 18.2201, 11.3569,
4.8715

■ 69.9587, 87.0649,
107.7257

■ 17.2120, 9.8815,
2.8679

■ 16.5697, 8.9414,
1.5915

■ 16.2275, 8.4405,
0.9118

Harmonies

Analogous

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



34.0950, 34.5021, 38.2371



34.0377, 34.5021, 36.3181



33.6444, 34.5021, 34.7849

Triad

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



34.0377, 34.5021, 36.3181



31.8068, 34.5021, 35.2015



32.5611, 34.5021, 41.3682

Complementary

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



34.0377, 34.5021, 36.3181



34.7808, 37.8997, 42.5285

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.



31.9565, 34.5021, 40.4935



34.0377, 34.5021, 36.3181



31.5250, 34.5021, 36.9046

Square

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



34.0377, 34.5021, 36.3181



32.3542, 34.5021, 34.1558



31.5794, 34.5021, 38.8440



33.2362, 34.5021, 41.1980

Rectangle

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



34.0377, 34.5021, 36.3181



33.2475, 34.5021, 34.1668



31.5794, 34.5021, 38.8440



32.3431, 34.5021, 41.1855

Sweetspot

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



34.0387, 34.5036, 36.3188



65.8373, 68.5662, 73.9967



35.1053, 34.9295, 41.9381



14.3704, 14.9748, 16.1693



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.



34.0387, 34.5036, 36.3188



60.2324, 60.3651, 62.8532



35.0700, 36.5663, 36.6626



7.5313, 7.5426, 7.8482



12.1951, 6.2874, 0.5708



0.2968, 0.1531, 0.0139

Inverse Universe

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



34.7808, 37.8997, 42.5285



61.9372, 68.1667, 77.1181



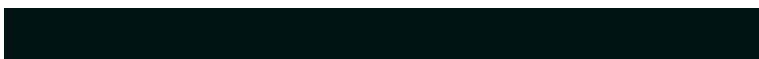
33.6990, 35.7363, 42.1679



7.7474, 8.5317, 9.6568



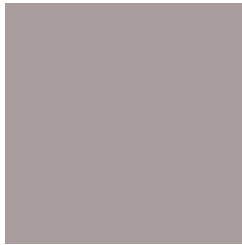
15.9058, 23.2718, 31.6291



0.3870, 0.5663, 0.7696

Previews

White Background



This preview shows how the XYZ color 34.0377, 34.5021, 36.3181 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 34.0377, 34.5021, 36.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

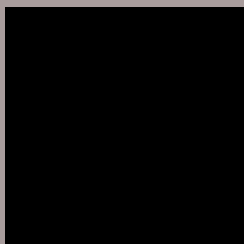
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

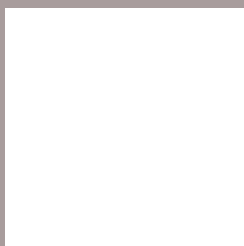
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.0377, 34.5021, 36.3181

Background



This preview shows how black text looks on a background with the XYZ color 34.0377, 34.5021, 36.3181.



This preview shows how white text looks on a background with the XYZ color 34.0377, 34.5021,

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

34.0377, 34.5021, 36.3181

Protanopia

33.2130, 34.5694, 36.8203

Deuteranopia

35.2355, 34.6255, 36.2788



Tritanopia

34.8928, 34.3362, 41.3477

Trichromacy



Original Color

34.0377, 34.5021, 36.3181

Protanomaly

33.4526, 34.4408, 36.7829

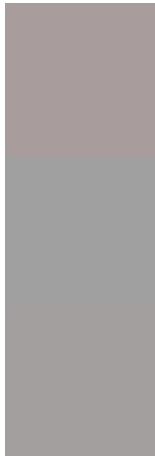
Deuteranomaly

34.7354, 34.6136, 36.3028

Tritanomaly

34.6944, 34.5220, 39.4852

Monochromacy



Original Color

34.0377, 34.5021, 36.3181

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.7604, 35.0860, 37.7938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0377, 34.5021, 36.3181 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(168, 156, 156)` looks like.

```
.text, #text, p{  
    color:rgb(168, 156, 156)  
}
```

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(168, 156, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 156, 156) }
```

Border

The CSS property to change the border of an element to XYZ 34.0377, 34.5021, 36.3181 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(168, 156, 156) }
```


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

```
.border{ border-color:rgb(168, 156, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 156, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 156, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 156, 156);  
box-shadow:4px 4px 4px 4px rgb(168, 156,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0377, 34.5021, 36.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 156, 156) }
```

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

```
.background{ background-color: rgb(168,  
156, 156) }
```

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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