

Converting Colors

XYZ(36.1715, 37.0298, 33.9087)

Have a look what the booklet for
XYZ(36.1715, 37.0298, 33.9087)
contains.

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Color

**XYZ(36.1544, 36.9219,
34.0753)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A196
RGB	176, 161, 150
RGB Percent	69%, 63%, 59%
CMY	0.3098, 0.3686, 0.4118
CMYK	0.00, 0.09, 0.15, 0.31
HSL	25°, 14%, 64%
HSV	25°, 15%, 69%
XYZ	36.1544, 36.9219, 34.0753
YIQ	164.2310, 12.4710, -0.2410

Conversions

Conversions Part 2

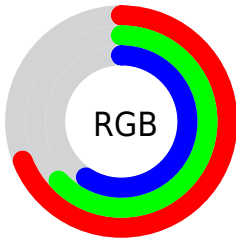
Format	Color
RYB	176, 169, 150
Decimal	11575702
CIELab	67.22, 3.58, 7.69
CIElCh	67, 8.486, 65.047
Yxy	36.9219, 0.3374, 0.3446
Android (android.graphics.Color)	4289765782 (0xFFB0A196)
YUV	164.2310, -7.0159, 10.3214
Hunter-Lab	60.7634, -0.1279, 9.2853

Details

The XYZ color **36.1544, 36.9219, 34.0753** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8691, 36.5281, 46.3401**, and the grayscale version is **35.4257, 37.2706, 40.5876**.

A 20% lighter version of the original color is **68.7337, 70.6272, 67.1365**, and **15.9964, 16.2637, 14.1005** is the 20% darker color. If you saturate the color by 10%, you get **33.1400, 32.9931, 26.5957**, and if you desaturate by 10%, it is **39.5278, 41.2273, 42.7257**.

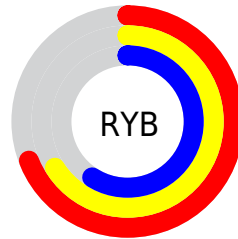
Distribution



Red (69%)

Green (63%)

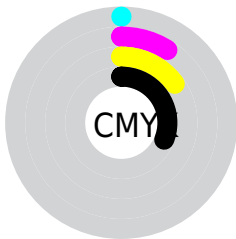
Blue (59%)



Red (69%)

Yellow (66%)

Blue (59%)

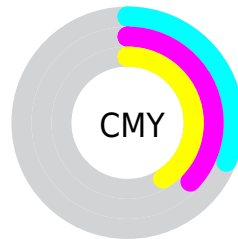


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (31%)



Cyan (31%)

Magenta (37%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1544, 36.9219, 34.0753 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 36.1544, 36.9219, 34.0753 by changing the saturation by 10% instead.


 36.1544, 36.9219,
34.0753


 36.1544, 36.9219,
34.0753


321.0544,
332.9723, 335.2471

 24.7241, 25.1470,
22.6736


 68.5926, 70.4527,
67.1860

 15.9993, 16.1866,
14.1497

 90.3313, 92.9773,
89.7321

 9.6145, 9.6563,
8.0849


116.2368,
119.8540, 116.8300

 5.2044, 5.1717,
4.0608

146.6745,
151.4672, 148.8984

 2.4037, 2.3483,
1.6587

182.0097,
188.2012, 186.3558

 0.8469, 0.7991,
0.3322

222.6079,

 0.0000, 0.0000,

230.4405, 229.6207

0.0000

268.8343,
278.5694, 279.1116

■ 36.1544, 36.9219,
34.0753

■ 36.1544, 36.9219,
34.0753

■ 33.1400, 32.9931,
26.5957

■ 39.5278, 41.2273,
42.7257

■ 30.4686, 29.4253,
20.2335

■ 43.2693, 45.9144,
52.5923

■ 28.1277, 26.2090,
14.9349

■ 47.3915, 50.9946,
63.7211

■ 26.1024, 23.3325,
10.6402

■ 51.9054, 56.4773,
76.1548

■ 24.3768, 20.7832,
7.2844

■ 56.8215, 62.3713,
89.9342

■ 22.9332, 18.5477,
4.7939

■ 62.0529, 68.6468,
104.5874

■ 21.7516, 16.6113,
3.0847

■ 64.8295, 74.2000,
105.5129

■ 20.8085, 14.9573,
2.0545

■ 67.7712, 80.0833,
106.4935

■ 20.3859, 14.1928,
1.6650

■ 70.8807, 86.3023,
107.5299

Harmonies

Analogous

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



37.1719, 36.9219, 36.2433



36.1544, 36.9219, 34.0753



34.8745, 36.9219, 33.5069

Triad

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



36.1544, 36.9219, 34.0753



32.6703, 36.9219, 40.8324



36.5429, 36.9219, 46.3285

Complementary

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



36.1544, 36.9219, 34.0753



33.8691, 36.5281, 46.3401

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.



35.3127, 36.9219, 47.7336



36.1544, 36.9219, 34.0753



33.0934, 36.9219, 44.4383

Square

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



36.1544, 36.9219, 34.0753



32.8832, 36.9219, 37.2669



34.0529, 36.9219, 47.0216



37.4000, 36.9219, 43.2866

Rectangle

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



36.1544, 36.9219, 34.0753



34.0493, 36.9219, 34.0797



34.0529, 36.9219, 47.0216



36.1581, 36.9219, 47.0161

Sweetspot

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



36.1554, 36.9235, 34.0761



72.1444, 75.3463, 78.6734



35.6180, 33.7660, 40.3175



15.5310, 16.1976, 16.7794



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.



36.1554, 36.9235, 34.0761



63.5631, 64.3647, 56.7579



38.5137, 41.6402, 34.8622



8.7821, 9.0768, 8.9417



15.0129, 10.5244, 1.2402



0.5306, 0.4477, 0.0584

Inverse Universe

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



33.8691, 36.5281, 46.3401



58.5464, 63.4961, 83.6656



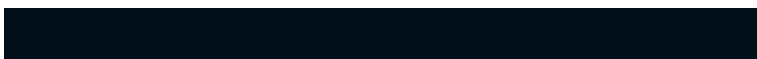
31.6700, 32.1298, 45.6071



8.4353, 9.0168, 10.8022



9.2599, 9.3202, 31.4479



0.3476, 0.4058, 1.0082

Previews

White Background



This preview shows how the XYZ color 36.1544, 36.9219, 34.0753 looks on a white background.

Color Contrast Check

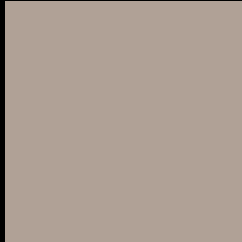
Large Text (above 18pt) WCAG AA × Fail

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 36.1544, 36.9219, 34.0753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

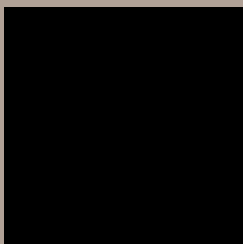
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

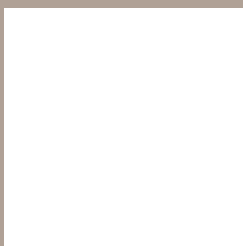
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.1544, 36.9219, 34.0753

Background



This preview shows how black text looks on a background with the XYZ color 36.1544, 36.9219, 34.0753.



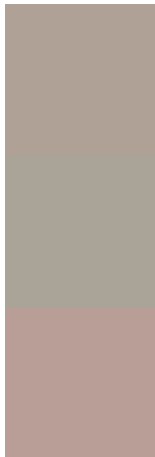
This preview shows how white text looks on a background with the XYZ color 36.1544, 36.9219,

34.0753.

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

36.1544, 36.9219, 34.0753

Protanopia

35.2607, 36.9748, 34.5566

Deuteranopia

37.5799, 36.8784, 34.4157



Tritanopia

38.0730, 36.9397, 43.1536

Trichromacy



Original Color

36.1544, 36.9219, 34.0753

Protanomaly

35.5195, 36.8457, 34.5180

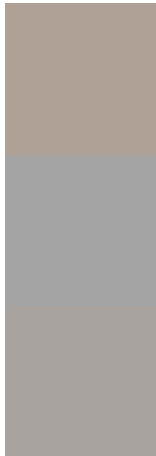
Deuteranomaly

37.0401, 36.8544, 34.4395

Tritanomaly

37.3691, 36.9056, 39.8043

Monochromacy



Original Color

36.1544, 36.9219, 34.0753

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.5037, 37.0224, 38.0757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1544, 36.9219, 34.0753 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(176, 161, 150)` looks like.

```
.text, #text, p{  
    color:rgb(176, 161, 150)  
}
```

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(176, 161, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 161, 150) }
```

Border

The CSS property to change the border of an element to XYZ 36.1544, 36.9219, 34.0753 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(176, 161, 150) }
```


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

```
.border{ border-color:rgb(176, 161, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 161, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 161, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 161, 150);  
box-shadow:4px 4px 4px 4px rgb(176, 161,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1544, 36.9219, 34.0753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 161, 150) }
```

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

```
.background{ background-color: rgb(176,  
161, 150) }
```

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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