

Converting Colors

XYZ(36.3863, 36.3412, 37.7759)

Have a look what the booklet for
XYZ(36.3863, 36.3412, 37.7759)
contains.

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Color

**XYZ(36.5606, 36.5296,
37.9248)**

Conversions

Conversions Part 1

Format	Color
Hex	B09F9F
RGB	176, 159, 159
RGB Percent	69%, 62%, 62%
CMY	0.3098, 0.3765, 0.3765
CMYK	0.00, 0.10, 0.10, 0.31
HSL	0°, 10%, 66%
HSV	0°, 10%, 69%
XYZ	36.5606, 36.5296, 37.9248
YIQ	164.0830, 10.1320, 3.6040

Conversions

Conversions Part 2

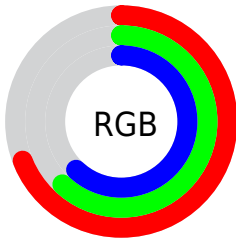
Format	Color
R_{YB}	176, 159, 159
Decimal	11575199
CIE _{Lab}	66.92, 6.21, 2.25
CIE _{LCh}	67, 6.602, 19.939
Yxy	36.5296, 0.3293, 0.3291
Android (android.graphics.Color)	4289765279 (0xFFB09F9F)
YUV	164.0830, -2.5059, 10.4512
Hunter-Lab	60.4397, 2.2069, 5.1044

Details

The XYZ color **36.5606, 36.5296, 37.9248** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.6596, 41.5552, 47.1107**, and the grayscale version is **35.3351, 37.1753, 40.4839**.

A 20% lighter version of the original color is **69.4629, 70.1040, 73.4887**, and **16.2377, 16.0188, 16.4235** is the 20% darker color. If you saturate the color by 10%, you get **32.3274, 30.3355, 29.5075**, and if you desaturate by 10%, it is **41.4442, 43.6755, 47.6327**.

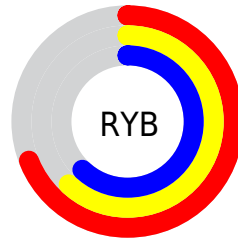
Distribution



Red (69%)

Green (62%)

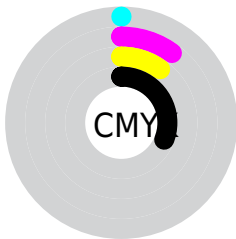
Blue (62%)



Red (69%)

Yellow (62%)

Blue (62%)

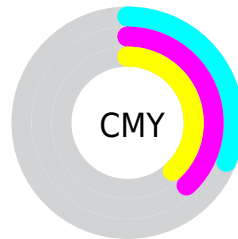


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (31%)



Cyan (31%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5606, 36.5296, 37.9248 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 36.5606, 36.5296, 37.9248 by changing the saturation by 10% instead.

■ 36.5606, 36.5296,
37.9248

■ 36.5606, 36.5296,
37.9248

322.7929,
331.2694, 352.5858

■ 25.0396, 24.8435,
25.6230

■ 69.2147, 69.8487,
73.1950

■ 16.2354, 15.9605,
16.3185

■ 91.0785, 92.2505,
97.0004

■ 9.7828, 9.4962,
9.5931

117.1206,
118.9930, 125.4775

■ 5.3163, 5.0662,
5.0279

147.7063,
150.4605, 159.0447

■ 2.4707, 2.2862,
2.2046

183.2010,
187.0376, 198.1206

■ 0.8805, 0.7664,
0.6770

223.9702,

■ 0.0000, 0.0000,

229.1085, 243.1237

0.0000

270.3790,
277.0576, 294.4726

■ 36.5606, 36.5296,
37.9248

■ 36.5606, 36.5296,
37.9248

■ 32.3274, 30.3355,
29.5075

■ 41.4442, 43.6755,
47.6327

■ 28.7142, 25.0484,
22.3243

■ 47.0006, 51.8058,
58.6798

■ 25.6928, 20.6274,
16.3178

■ 53.2552, 60.9577,
71.1151

■ 23.2318, 17.0261,
11.4255

■ 60.2311, 71.1648,
84.9845

■ 21.2966, 14.1944,
7.5787

■ 67.9501, 82.4593,
100.3316

■ 19.8491, 12.0761,
4.7014

■ 71.7146, 87.9702,
107.8079

■ 18.8457, 10.6077,
2.7074

■ 18.2355, 9.7147,
1.4949

■ 17.9148, 9.2453,
0.8575

Harmonies

Analogous

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



36.6494, 36.5296, 40.7449



36.5606, 36.5296, 37.9248



35.9734, 36.5296, 35.7044

Triad

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



36.5606, 36.5296, 37.9248



33.2684, 36.5296, 36.3324



34.3853, 36.5296, 45.4506

Complementary

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



36.5606, 36.5296, 37.9248



37.6596, 41.5552, 47.1107

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.



33.4966, 36.5296, 44.1428



36.5606, 36.5296, 37.9248



32.8601, 36.5296, 38.8197

Square

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



36.5606, 36.5296, 37.9248



34.0683, 36.5296, 34.8161



32.9428, 36.5296, 41.6834



35.3806, 36.5296, 45.1827

Rectangle

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



36.5606, 36.5296, 37.9248



35.3845, 36.5296, 34.8198



32.9428, 36.5296, 41.6834



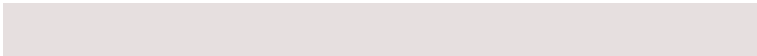
34.0645, 36.5296, 45.1783

Sweetspot

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



36.5616, 36.5312, 37.9256



72.0256, 74.6179, 80.1467



38.1395, 37.1614, 46.2373



15.4539, 15.9438, 17.0605



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.



36.5616, 36.5312, 37.9256



64.2413, 63.2276, 64.6706



38.0734, 39.5547, 38.4295



8.4965, 8.5055, 8.8464



13.1372, 6.7730, 0.6149



0.4134, 0.2132, 0.0194

Inverse Universe

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



37.6596, 41.5552, 47.1107



66.7154, 74.5488, 85.3684



36.0455, 38.3269, 46.5726



8.7425, 9.6313, 10.9046



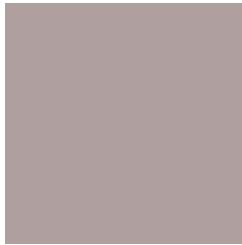
17.1360, 25.0723, 34.0733



0.5392, 0.7890, 1.0721

Previews

White Background



This preview shows how the XYZ color 36.5606, 36.5296, 37.9248 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 36.5606, 36.5296, 37.9248 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

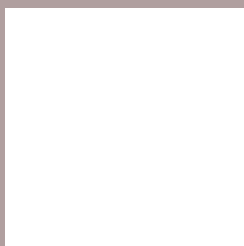
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5606, 36.5296, 37.9248

Background



This preview shows how black text looks on a background with the XYZ color 36.5606, 36.5296, 37.9248.



This preview shows how white text looks on a background with the XYZ color 36.5606, 36.5296,

37.9248.

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

36.5606, 36.5296, 37.9248

Protanopia

35.0792, 36.5209, 38.9186

Deuteranopia

37.3073, 36.6602, 37.9107



Tritanopia

37.4441, 36.3633, 43.0755

Trichromacy



Original Color

36.5606, 36.5296, 37.9248

Protanomaly

35.6676, 36.5739, 38.4373

Deuteranomaly

37.0753, 36.5406, 37.8999

Tritanomaly

37.2413, 36.5540, 41.1692

Monochromacy



Original Color

36.5606, 36.5296, 37.9248

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.5904, 36.7741, 39.4047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5606, 36.5296, 37.9248 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, 159, 159)` looks like.

```
.text, #text, p{  
    color:rgb(176, 159, 159)  
}
```

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, 159, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 159, 159) }
```

Border

The CSS property to change the border of an element to XYZ 36.5606, 36.5296, 37.9248 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, 159, 159) }
```


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

```
.border{ border-color:rgb(176, 159, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 159, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 159, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 159, 159);  
box-shadow:4px 4px 4px 4px rgb(176, 159,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5606, 36.5296, 37.9248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 159, 159) }
```

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

```
.background{ background-color: rgb(176,  
159, 159) }
```

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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