

Converting Colors

XYZ(36.5207, 35.7517, 37.8436)

Have a look what the booklet for
XYZ(36.5207, 35.7517, 37.8436)
contains.

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Color

**XYZ(36.5066, 35.7451,
37.7763)**

Conversions

Conversions Part 1

Format	Color
Hex	B29C9F
RGB	178, 156, 159
RGB Percent	70%, 61%, 62%
CMY	0.3020, 0.3882, 0.3765
CMYK	0.00, 0.12, 0.11, 0.30
HSL	352°, 12%, 65%
HSV	352°, 12%, 70%
XYZ	36.5066, 35.7451, 37.7763
YIQ	162.9200, 12.1490, 5.5970

Conversions

Conversions Part 2

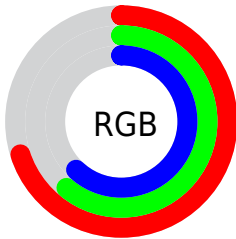
Format	Color
R_{YB}	178, 156, 159
Decimal	11705503
CIE _{Lab}	66.32, 8.60, 1.40
CIE _{LCh}	66, 8.719, 9.271
Yxy	35.7451, 0.3318, 0.3249
Android (android.graphics.Color)	4289895583 (0xFFB29C9F)
YUV	162.9200, -1.9326, 13.2252
Hunter-Lab	59.7872, 4.3661, 4.3889

Details

The XYZ color **36.5066, 35.7451, 37.7763** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.3700, 42.0048, 46.6976**, and the grayscale version is **34.7807, 36.5920, 39.8486**.

A 20% lighter version of the original color is **69.3635, 68.9360, 73.2685**, and **16.2158, 15.5458, 16.3333** is the 20% darker color. If you saturate the color by 10%, you get **32.4836, 29.7029, 30.2572**, and if you desaturate by 10%, it is **41.1353, 42.7323, 46.3170**.

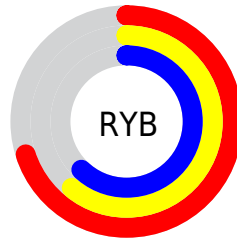
Distribution



Red (70%)

Green (61%)

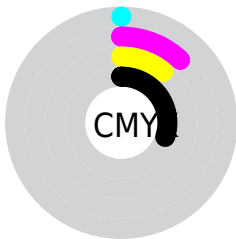
Blue (62%)



Red (70%)

Yellow (61%)

Blue (62%)

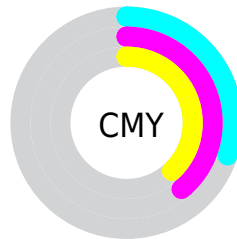


Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (30%)



Cyan (30%)


Magenta (39%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5066, 35.7451, 37.7763 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 36.5066, 35.7451, 37.7763 by changing the saturation by 10% instead.


 36.5066, 35.7451,
37.7763


 36.5066, 35.7451,
37.7763


322.5622,
327.8451, 351.9288

 24.9976, 24.2374,
25.5086


 69.1320, 68.6385,
72.9647

 16.2040, 15.5098,
16.2339


 90.9792, 90.7929,
96.7226

 9.7604, 9.1780,
9.5337


117.0032,
117.2650, 125.1476

 5.3014, 4.8574,
4.9894

147.5693,
148.4393, 158.6583

 2.4617, 2.1639,
2.1824

183.0429,
184.7000, 197.6732

 0.8760, 0.7002,
0.6642

223.7893,

 0.0000, 0.0000,

226.4316, 242.6109

0.0000

270.1740,
274.0185, 293.8899

■ 36.5066, 35.7451,
37.7763

■ 36.5066, 35.7451,
37.7763

■ 32.4836, 29.7029,
30.2572

■ 41.1353, 42.7323,
46.3170

■ 29.0383, 24.5606,
23.7191

■ 46.3903, 50.6977,
55.9132

■ 26.1449, 20.2764,
18.1221

■ 52.2948, 59.6786,
66.6002

■ 23.7745, 16.8037,
13.4226

■ 58.8701, 69.7091,
78.4109

■ 21.8955, 14.0910,
9.5737

■ 66.1364, 80.8217,
91.3767

■ 20.4729, 12.0811,
6.5241

■ 71.5725, 87.9659,
104.6810

■ 19.4668, 10.7086,
4.2167

■ 72.1703, 88.2051,
107.8292

■ 18.8305, 9.8960,
2.5868

■ 18.5278, 9.5321,
1.7413

Harmonies

Analogous

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



36.3710, 35.7451, 41.5144



36.5066, 35.7451, 37.7763



35.9504, 35.7451, 34.5548

Triad

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



36.5066, 35.7451, 37.7763



32.4140, 35.7451, 33.6279



33.0960, 35.7451, 46.0208

Complementary

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



36.5066, 35.7451, 37.7763



37.3700, 42.0048, 46.6976

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.



32.0726, 35.7451, 43.6389



36.5066, 35.7451, 37.7763



31.6859, 35.7451, 36.4366

Square

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



36.5066, 35.7451, 37.7763



33.5728, 35.7451, 32.2625



31.5626, 35.7451, 40.0872



34.3797, 35.7451, 46.4364

Rectangle

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



36.5066, 35.7451, 37.7763



35.2704, 35.7451, 33.0751



31.5626, 35.7451, 40.0872



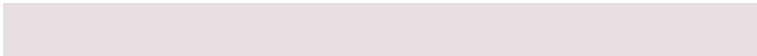
32.7110, 35.7451, 45.4166

Sweetspot

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



36.5076, 35.7467, 37.7771



73.0796, 75.1992, 81.2074



37.5374, 36.0722, 47.1042



16.0462, 16.4418, 17.7255



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.



36.5076, 35.7467, 37.7771



63.9752, 61.4705, 64.3608



37.5838, 38.3103, 36.8681



8.5420, 8.5235, 9.0864



13.2708, 6.8259, 1.3201



0.4324, 0.2207, 0.1196

Inverse Universe

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



36.5076, 35.7467, 37.7771



63.9752, 61.4705, 64.3608



36.1785, 39.1456, 47.7690



8.5420, 8.5235, 9.0864



13.2708, 6.8259, 1.3201



0.4324, 0.2207, 0.1196

Previews

White Background



This preview shows how the XYZ color 36.5066, 35.7451, 37.7763 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 36.5066, 35.7451, 37.7763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

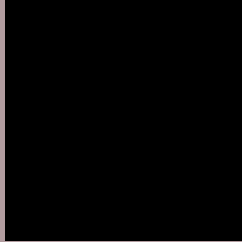
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.5066, 35.7451, 37.7763

Background



This preview shows how black text looks on a background with the XYZ color 36.5066, 35.7451, 37.7763.



This preview shows how white text looks on a background with the XYZ color 36.5066, 35.7451,

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

36.5066, 35.7451, 37.7763

Protanopia

34.5763, 35.9909, 39.3070

Deuteranopia

36.5066, 35.7451, 37.7763



Tritanopia

37.2868, 35.8164, 41.5072

Trichromacy



Original Color

36.5066, 35.7451, 37.7763

Protanomaly

35.1933, 35.8045, 38.7743

Deuteranomaly

36.5066, 35.7451, 37.7763

Tritanomaly

37.0126, 35.7067, 40.0633

Monochromacy



Original Color

36.5066, 35.7451, 37.7763

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.2408, 36.0751, 39.2882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5066, 35.7451, 37.7763 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, 156, 159)` looks like.

```
.text, #text, p{  
    color:rgb(178, 156, 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(178, 156, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 156, 159) }
```

Border

The CSS property to change the border of an element to XYZ 36.5066, 35.7451, 37.7763 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, 156, 159) }
```


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

```
.border{ border-color:rgb(178, 156, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 156, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 156, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 156, 159);  
box-shadow:4px 4px 4px 4px rgb(178, 156,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5066, 35.7451, 37.7763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 156, 159) }
```

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

```
.background{ background-color: rgb(178,  
156, 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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