

Converting Colors

XYZ(36.5695, 36.5676, 36.4746)

Have a look what the booklet for
XYZ(36.5695, 36.5676, 36.4746)
contains.

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Color

**XYZ(36.5303, 36.5437,
36.5808)**

Conversions

Conversions Part 1

Format	Color
Hex	B19F9C
RGB	177, 159, 156
RGB Percent	69%, 62%, 61%
CMY	0.3059, 0.3765, 0.3882
CMYK	0.00, 0.10, 0.12, 0.31
HSL	9°, 12%, 65%
HSV	9°, 12%, 69%
XYZ	36.5303, 36.5437, 36.5808
YIQ	164.0400, 11.6910, 2.8830

Conversions

Conversions Part 2

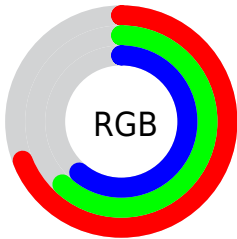
Format	Color
RYB	177, 160, 156
Decimal	11640732
CIELab	66.93, 6.06, 3.95
CIELCh	67, 7.235, 33.111
Yxy	36.5437, 0.3331, 0.3333
Android (android.graphics.Color)	4289830812 (0xFFB19F9C)
YUV	164.0400, -3.9637, 11.3659
Hunter-Lab	60.4514, 2.0762, 6.4380

Details

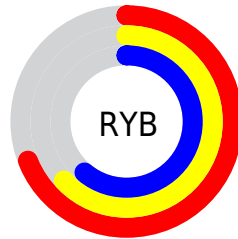
The XYZ color **36.5303, 36.5437, 36.5808** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.7819, 40.5134, 47.4764**, and the grayscale version is **35.3208, 37.1603, 40.4675**.

A 20% lighter version of the original color is **69.2837, 70.0699, 70.8460**, and **16.2245, 16.0301, 15.6036** is the 20% darker color. If you saturate the color by 10%, you get **32.6893, 31.0877, 28.4369**, and if you desaturate by 10%, it is **40.9119, 42.7305, 45.9834**.

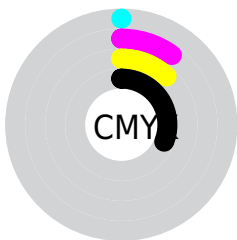
Distribution



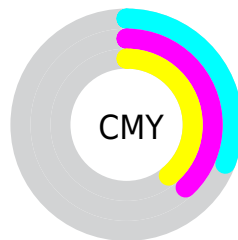
- Red (69%)
- Green (62%)
- Blue (61%)



- Red (69%)
- Yellow (63%)
- Blue (61%)



- Cyan (0%)
- Magenta (10%)
- Yellow (12%)
- Black (31%)





- Cyan (31%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5303, 36.5437, 36.5808 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 36.5303, 36.5437, 36.5808 by changing the saturation by 10% instead.


 36.5303, 36.5437,
36.5808


 36.5303, 36.5437,
36.5808


322.6634,
331.3308, 346.6059

 25.0160, 24.8544,
24.5899


 69.1683, 69.8704,
71.1067

 16.2178, 15.9686,
15.5555

 91.0228, 92.2767,
94.4787

 9.7702, 9.5019,
9.0592


117.0547,
119.0240, 122.4815

 5.3080, 5.0700,
4.6825

147.6294,
150.4968, 155.5336

 2.4657, 2.2884,
2.0067

183.1123,
187.0795, 194.0535

 0.8780, 0.7676,
0.5594

223.8687,

 0.0000, 0.0000,

229.1564, 238.4599

0.0000

270.2640,
277.1121, 289.1712

■ 36.5303, 36.5437,
36.5808

■ 36.5303, 36.5437,
36.5808

■ 32.6893, 31.0877,
28.4369

■ 40.9119, 42.7305,
45.9834

■ 29.3648, 26.3309,
21.4959

■ 45.8509, 49.6688,
56.6925

■ 26.5357, 22.2463,
15.7013

■ 51.3671, 57.3843,
68.7564

■ 24.1779, 18.8035,
10.9914

■ 57.4783, 65.9003,
82.2200

■ 22.2654, 15.9697,
7.2983

■ 64.2016, 75.2387,
97.1264

■ 20.7697, 13.7091,
4.5466

■ 70.3722, 84.9484,
107.2954

■ 19.6587, 11.9822,
2.6504

■ 71.9415, 88.0872,
107.8185

■ 18.8957, 10.7443,
1.5078

■ 18.4859, 10.0559,
0.9667

Harmonies

Analogous

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



36.8824, 36.5437, 39.4629



36.5303, 36.5437, 36.5808



35.6962, 36.5437, 34.6424

Triad

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



36.5303, 36.5437, 36.5808



32.8865, 36.5437, 37.1203



34.8483, 36.5437, 46.1308

Complementary

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



36.5303, 36.5437, 36.5808



36.7819, 40.5134, 47.4764

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.



33.7886, 36.5437, 45.4236



36.5303, 36.5437, 36.5808



32.6701, 36.5437, 40.1186

Square

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



36.5303, 36.5437, 36.5808



33.5943, 36.5437, 34.9422



32.9970, 36.5437, 43.1813



35.8985, 36.5437, 45.0664

Rectangle

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



36.5303, 36.5437, 36.5808



34.9873, 36.5437, 34.0897



32.9970, 36.5437, 43.1813



34.4814, 36.5437, 46.0925

Sweetspot

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



36.5313, 36.5453, 36.5816



71.4575, 73.9724, 78.4445



37.6798, 36.1883, 45.1461



15.3563, 15.8482, 16.7212



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.



36.5313, 36.5453, 36.5816



63.7058, 63.0133, 61.8510



38.3764, 40.2354, 37.1966



8.5912, 8.6949, 8.8780



13.4215, 7.3416, 0.7097



0.4529, 0.2923, 0.0325

Inverse Universe

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



36.7819, 40.5134, 47.4764



64.2352, 71.4044, 84.8922



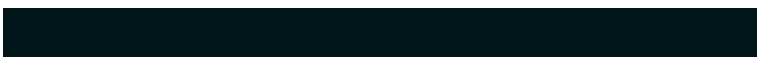
34.8684, 36.6864, 46.8386



8.6370, 9.4202, 10.8694



13.8819, 18.5643, 32.9886



0.4650, 0.6406, 1.0474

Previews

White Background



This preview shows how the XYZ color 36.5303, 36.5437, 36.5808 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 36.5303, 36.5437, 36.5808 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

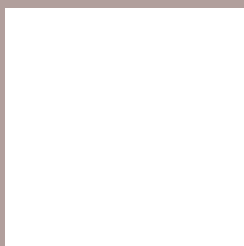
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5303, 36.5437, 36.5808

Background



This preview shows how black text looks on a background with the XYZ color 36.5303, 36.5437, 36.5808.



This preview shows how white text looks on a background with the XYZ color 36.5303, 36.5437,

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

36.5303, 36.5437, 36.5808

Protanopia

35.0282, 36.5248, 37.5516

Deuteranopia

37.1138, 36.3380, 36.5103



Tritanopia

37.8088, 36.5622, 42.6006

Trichromacy



Original Color

36.5303, 36.5437, 36.5808

Protanomaly

35.6253, 36.5820, 37.0817

Deuteranomaly

37.0500, 36.5573, 36.5560

Tritanomaly

37.2878, 36.5990, 40.2210

Monochromacy



Original Color

36.5303, 36.5437, 36.5808

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.7155, 36.8489, 38.9483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5303, 36.5437, 36.5808 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(177, 159, 156)` looks like.

```
.text, #text, p{  
    color:rgb(177, 159, 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(177, 159, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 159, 156) }
```

Border

The CSS property to change the border of an element to XYZ 36.5303, 36.5437, 36.5808 is called "border". The border property can be set on classes, ids or directly on the HTML element.

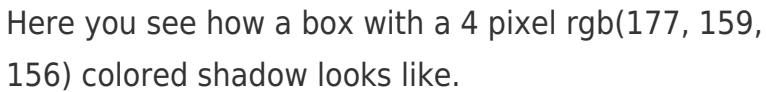
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 159, 156) }
```


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

```
.border{ border-color:rgb(177, 159, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 159, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 159, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 159, 156);  
box-shadow:4px 4px 4px 4px rgb(177, 159,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5303, 36.5437, 36.5808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 159, 156) }
```

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

```
.background{ background-color: rgb(177,  
159, 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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