

Converting Colors

XYZ(36.0323, 42.1107, 37.6816)

Have a look what the booklet for
XYZ(36.0323, 42.1107, 37.6816)
contains.

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Color

**XYZ(36.0323, 42.1107,
37.6816)**

Conversions

Conversions Part 1

Format	Color
Hex	9CB49C
RGB	156, 180, 156
RGB Percent	61%, 71%, 61%
CMY	0.3882, 0.2941, 0.3882
CMYK	0.13, 0.00, 0.13, 0.29
HSL	120°, 14%, 66%
HSV	120°, 13%, 71%
XYZ	36.0323, 42.1107, 37.6816
YIQ	170.0880, -6.6000, -12.5520

Conversions

Conversions Part 2

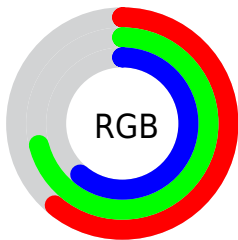
Format	Color
RYB	156, 180, 180
Decimal	10269852
CIELab	70.95, -12.90, 9.49
CIELCh	71, 16.016, 143.656
Yxy	42.1107, 0.3111, 0.3636
Android (android.graphics.Color)	4288459932 (0xFF9CB49C)
YUV	170.0880, -6.9454, -12.3552
Hunter-Lab	64.8928, -14.4486, 10.9967

Details

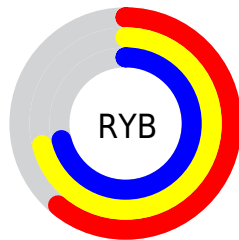
The XYZ color **36.0323, 42.1107, 37.6816** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.9505, 36.7765, 48.2276**, and the grayscale version is **38.2892, 40.2832, 43.8684**.

A 20% lighter version of the original color is **68.4923, 78.4929, 72.5135**, and **15.9649, 19.2019, 16.2295** is the 20% darker color. If you saturate the color by 10%, you get **31.3910, 39.8825, 30.0889**, and if you desaturate by 10%, it is **41.4181, 44.6990, 46.4900**.

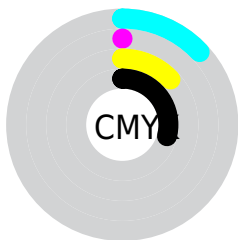
Distribution



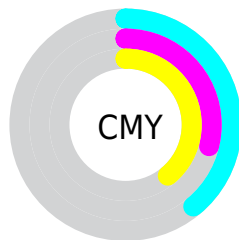
- Red (61%)
- Green (71%)
- Blue (61%)



- Red (61%)
- Yellow (71%)
- Blue (71%)



- Cyan (13%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)



- Cyan (39%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0323, 42.1107, 37.6816 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 36.0323, 42.1107, 37.6816 by changing the saturation by 10% instead.

■ 36.0323, 42.1107,
37.6816

■ 36.0323, 42.1107,
37.6816

320.5305,
354.9416, 351.5093

■ 24.6294, 29.1880,
25.4358

■ 68.4055, 78.3671,
72.8179

■ 15.9284, 19.2231,
16.1800

■ 90.1064, 102.4696,
96.5453

■ 9.5640, 11.8316,
9.4959

115.9707,
131.0675, 124.9371

■ 5.1709, 6.6291,
4.9648

146.3638,
164.5452, 158.4117

■ 2.3837, 3.2312,
2.1683

181.6509,
203.2871, 197.3877

■ 0.8370, 1.2536,
0.6560

222.1975,

■ 0.0000, 0.1049,

247.6775, 242.2836

0.0000

268.3689,
298.1009, 293.5179

■ 0.0000, 0.0000,
0.0000

■ 36.0323, 42.1107,
37.6816

■ 36.0323, 42.1107,
37.6816

■ 31.3910, 39.8825,
30.0889

■ 41.4181, 44.6990,
46.4900

■ 27.4581, 37.9933,
23.6560

■ 47.5754, 47.6567,
56.5613

■ 24.1999, 36.4282,
18.3266

■ 54.5341, 50.9993,
67.9435

■ 21.5785, 35.1690,
14.0388

■ 62.3216, 54.7401,
80.6813

■ 19.5522, 34.1957,
10.7244

■ 70.9640, 58.8914,
94.8172

■ 18.0744, 33.4859,
8.3072

■ 75.6121, 61.1241,
102.4207

■ 17.0918, 33.0139,
6.6999

■ 16.5400, 32.7488,
5.7973

■ 16.3221, 32.6441,
5.4408

Harmonies

Analogous

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



38.0011, 42.1107, 33.6643



36.0323, 42.1107, 37.6816



35.1384, 42.1107, 44.2465

Triad

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



36.0323, 42.1107, 37.6816



39.4606, 42.1107, 62.0637



44.9117, 42.1107, 40.2038

Complementary

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



36.0323, 42.1107, 37.6816



38.9505, 36.7765, 48.2276

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.



45.3448, 42.1107, 47.4947



36.0323, 42.1107, 37.6816



42.1194, 42.1107, 60.6733

Square

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



36.0323, 42.1107, 37.6816



37.0602, 42.1107, 58.7368



44.3022, 42.1107, 55.1241



43.1438, 42.1107, 35.0034

Rectangle

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



36.0323, 42.1107, 37.6816



35.2427, 42.1107, 49.4092



44.3022, 42.1107, 55.1241



45.2214, 42.1107, 42.4686

Sweetspot

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



36.0334, 42.1125, 37.6825



74.3328, 80.6782, 83.0436



41.1462, 44.7482, 37.9216



15.9000, 17.3577, 17.6772



86.6293, 91.1408, 99.2523



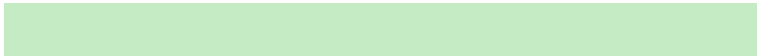
17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.0334, 42.1125, 37.6825



62.7221, 75.1010, 64.0523



37.1007, 42.5394, 43.3025



8.3890, 9.4901, 9.0422



11.3912, 22.7825, 3.7972



0.3584, 0.7168, 0.1195

Inverse Universe

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



38.9505, 36.7765, 48.2276



69.0474, 63.5308, 86.9176



37.7801, 36.3083, 42.0640



8.8501, 8.6467, 10.7088



18.8864, 9.0721, 30.8914



0.5942, 0.2854, 0.9720

Previews

White Background



This preview shows how the XYZ color 36.0323, 42.1107, 37.6816 looks on a white background.

Color Contrast Check

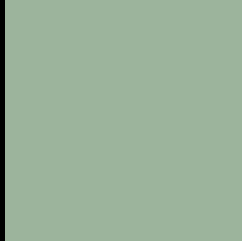
Large Text (above 18pt) WCAG AA × Fail

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 36.0323, 42.1107, 37.6816 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

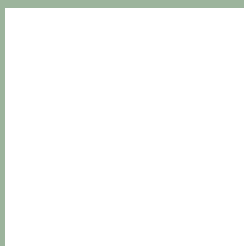
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.0323, 42.1107, 37.6816

Background



This preview shows how black text looks on a background with the XYZ color 36.0323, 42.1107, 37.6816.



This preview shows how white text looks on a background with the XYZ color 36.0323, 42.1107,

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

36.0323, 42.1107, 37.6816

Protanopia

39.6671, 41.9779, 35.7176

Deuteranopia

42.5824, 41.7427, 38.6137



Tritanopia

39.2132, 41.9111, 54.1670

Trichromacy



Original Color

36.0323, 42.1107, 37.6816

Protanomaly

38.2884, 42.1212, 36.2492

Deuteranomaly

39.9801, 41.7974, 38.3083

Tritanomaly

37.9560, 41.9895, 47.6993

Monochromacy



Original Color

36.0323, 42.1107, 37.6816

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.4446, 40.9880, 41.5353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0323, 42.1107, 37.6816 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(156, 180, 156)` looks like.

```
.text, #text, p{  
    color:rgb(156, 180, 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(156, 180, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 180, 156) }
```

Border

The CSS property to change the border of an element to XYZ 36.0323, 42.1107, 37.6816 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(156, 180, 156) }
```


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

```
.border{ border-color:rgb(156, 180, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 180, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 180, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 180, 156);  
box-shadow:4px 4px 4px 4px rgb(156, 180,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0323, 42.1107, 37.6816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 180, 156) }
```

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

```
.background{ background-color: rgb(156,  
180, 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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