

Converting Colors

XYZ(36.2758, 35.3996, 48.1033)

Have a look what the booklet for
XYZ(36.2758, 35.3996, 48.1033)
contains.

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Color

**XYZ(36.2751, 35.3971,
48.1004)**

Conversions

Conversions Part 1

Format	Color
Hex	A89CB4
RGB	168, 156, 180
RGB Percent	66%, 61%, 71%
CMY	0.3412, 0.3882, 0.2941
CMYK	0.07, 0.13, 0.00, 0.29
HSL	270°, 14%, 66%
HSV	270°, 13%, 71%
XYZ	36.2751, 35.3971, 48.1004
YIQ	162.3240, -0.5520, 10.0080

Conversions

Conversions Part 2

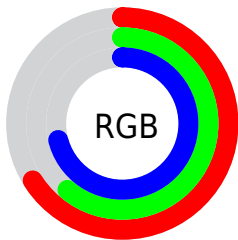
Format	Color
R_{YB}	168, 156, 180
Decimal	11050164
CIE _{Lab}	66.06, 8.99, -10.84
CIE _{LCh}	66, 14.086, 309.660
Yxy	35.3971, 0.3029, 0.2955
Android (android.graphics.Color)	4289240244 (0xFFA89CB4)
YUV	162.3240, 8.7143, 4.9779
Hunter-Lab	59.4955, 4.7165, -6.2875

Details

The XYZ color **36.2751, 35.3971, 48.1004** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4719, 43.3686, 37.7976**, and the grayscale version is **34.4560, 36.2504, 39.4767**.

A 20% lighter version of the original color is **68.6183, 67.8373, 88.8342**, and **16.0848, 15.3485, 22.1935** is the 20% darker color. If you saturate the color by 10%, you get **31.6254, 28.8444, 47.0812**, and if you desaturate by 10%, it is **41.5072, 42.9164, 49.2766**.

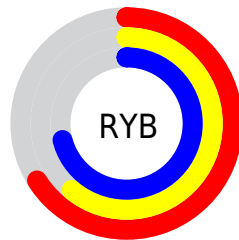
Distribution



Red (66%)

Green (61%)

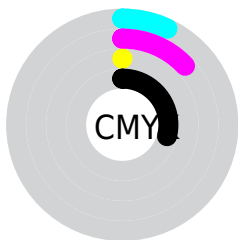
Blue (71%)



Red (66%)

Yellow (61%)

Blue (71%)

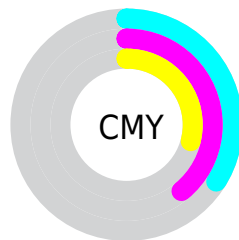


Cyan (7%)

Magenta (13%)

Yellow (0%)

Black (29%)



Cyan (34%)

Magenta (39%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2751, 35.3971, 48.1004 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 36.2751, 35.3971, 48.1004 by changing the saturation by 10% instead.

■ 36.2751, 35.3971,
48.1004

■ 36.2751, 35.3971,
48.1004

321.5717,
326.3177, 395.7101

■ 24.8178, 23.9689,
33.5458

■ 68.7776, 68.1005,
88.7210

■ 16.0694, 15.3106,
22.2704

■ 90.5535, 90.1445,
115.6241

■ 9.6644, 9.0376,
13.8555

116.4996,
116.4959, 147.4804

■ 5.2376, 4.7657,
7.8826

146.9814,
147.5391, 184.7086

■ 2.4235, 2.1105,
3.9332

182.3641,
183.6584, 227.7271

■ 0.8568, 0.6705,
1.5888

223.0132,

■ 0.0000, 0.0000,

225.2384, 276.9545

0.2828

269.2939,
272.6633, 332.8093

■ 0.0000, 0.0000,
0.0000

■ 36.2751, 35.3971,
48.1004

■ 36.2751, 35.3971,
48.1004

■ 31.6254, 28.8444,
47.0812

■ 41.5072, 42.9164,
49.2766

■ 27.5327, 23.2131,
46.2100

■ 47.3394, 51.4360,
50.6136

■ 23.9742, 18.4613,
45.4803

■ 53.7929, 60.9934,
52.1182

■ 20.9241, 14.5418,
44.8846

■ 60.8864, 71.6228,
53.7961

■ 18.3545, 11.4028,
44.4141

■ 68.6380, 83.3568,
55.6524

■ 16.2341, 8.9865,
44.0595

■ 74.1250, 90.3462,
56.7123

■ 14.5276, 7.2269,
43.8098

■ 76.9563, 91.8058,
56.8448

■ 13.1928, 6.0447,
43.6519

■ 79.9370, 93.3424,
56.9843

■ 12.4537, 5.4685,
43.5797

■ 83.0693, 94.9572,
57.1309

Harmonies

Analogous

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



34.3229, 35.3971, 51.0404



36.2751, 35.3971, 48.1004



37.5554, 35.3971, 42.6829

Triad

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



36.2751, 35.3971, 48.1004



35.0605, 35.3971, 28.7236



29.8348, 35.3971, 40.5056

Complementary

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



36.2751, 35.3971, 48.1004



38.4719, 43.3686, 37.7976

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.



30.0139, 35.3971, 34.6769



36.2751, 35.3971, 48.1004



32.9739, 35.3971, 28.2702

Square

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



36.2751, 35.3971, 48.1004



36.8342, 35.3971, 31.6511



31.1431, 35.3971, 30.3410



30.6433, 35.3971, 46.3655

Rectangle

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



36.2751, 35.3971, 48.1004



37.8256, 35.3971, 38.6097



31.1431, 35.3971, 30.3410



29.7823, 35.3971, 38.4732

Sweetspot

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



36.2762, 35.3986, 48.1012



74.5247, 76.7500, 89.1810



36.0265, 38.5178, 48.7164



15.9479, 16.3575, 19.2390



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.



36.2762, 35.3986, 48.1012



63.1871, 60.5096, 86.6438



38.8571, 36.7291, 48.2220



8.4332, 8.4318, 10.6894



8.7694, 3.8566, 30.4192



0.3432, 0.1560, 0.9603

Inverse Universe

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



37.7800, 36.3090, 42.0649



66.4831, 62.5050, 73.4141



36.1112, 42.1516, 37.6872



8.6677, 8.5738, 9.7483



14.4592, 7.3012, 7.5779



0.4844, 0.2415, 0.3935

Previews

White Background



This preview shows how the XYZ color 36.2751, 35.3971, 48.1004 looks on a white background.

Color Contrast Check

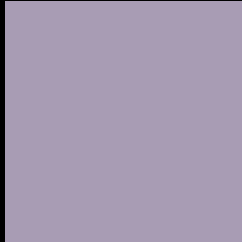
Large Text (above 18pt) WCAG AA × Fail

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 36.2751, 35.3971, 48.1004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

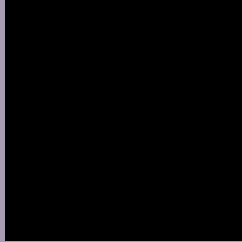
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.2751, 35.3971, 48.1004

Background



This preview shows how black text looks on a background with the XYZ color 36.2751, 35.3971, 48.1004.



This preview shows how white text looks on a background with the XYZ color 36.2751, 35.3971,

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

36.2751, 35.3971, 48.1004

Protanopia

34.7463, 35.3418, 49.2463

Deuteranopia

36.0630, 35.2877, 48.0905



Tritanopia

35.2084, 35.4630, 43.0196

Trichromacy



Original Color

36.2751, 35.3971, 48.1004

Protanomaly

35.2653, 35.3670, 48.6839

Deuteranomaly

36.0630, 35.2877, 48.0905

Tritanomaly

35.6333, 35.3854, 44.9964

Monochromacy



Original Color

36.2751, 35.3971, 48.1004

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.0421, 35.8987, 42.6183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2751, 35.3971, 48.1004 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(168, 156, 180)` looks like.

```
.text, #text, p{  
    color:rgb(168, 156, 180)  
}
```

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(168, 156, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 156, 180) }
```

Border

The CSS property to change the border of an element to XYZ 36.2751, 35.3971, 48.1004 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(168, 156, 180) }
```


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

```
.border{ border-color:rgb(168, 156, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 156, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 156, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 156, 180);  
box-shadow:4px 4px 4px 4px rgb(168, 156,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2751, 35.3971, 48.1004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 156, 180) }
```

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

```
.background{ background-color: rgb(168,  
156, 180) }
```

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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