

Converting Colors

XYZ(35.2542, 35.5101, 46.0444)

Have a look what the booklet for
XYZ(35.2542, 35.5101, 46.0444)
contains.

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Color

**XYZ(35.1676, 35.3748,
46.0488)**

Conversions

Conversions Part 1

Format	Color
Hex	A39EB0
RGB	163, 158, 176
RGB Percent	64%, 62%, 69%
CMY	0.3608, 0.3804, 0.3098
CMYK	0.07, 0.10, 0.00, 0.31
HSL	257°, 10%, 65%
HSV	257°, 10%, 69%
XYZ	35.1676, 35.3748, 46.0488
YIQ	161.5470, -2.7980, 6.6580

Conversions

Conversions Part 2

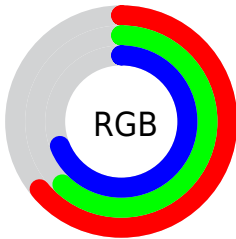
Format	Color
RYB	163, 158, 176
Decimal	10722992
CIELab	66.04, 5.34, -8.68
CIELCh	66, 10.186, 301.588
Yxy	35.3748, 0.3016, 0.3034
Android (android.graphics.Color)	4288913072 (0xFFA39EB0)
YUV	161.5470, 7.1253, 1.2743
Hunter-Lab	59.4767, 1.4598, -4.2705

Details

The XYZ color **35.1676, 35.3748, 46.0488** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4927, 42.1781, 38.4618**, and the grayscale version is **34.1005, 35.8764, 39.0694**.

A 20% lighter version of the original color is **67.2732, 68.3201, 85.9854**, and **15.4513, 15.3501, 21.2173** is the 20% darker color. If you saturate the color by 10%, you get **29.9047, 28.5204, 45.0037**, and if you desaturate by 10%, it is **41.1242, 43.2269, 47.2510**.

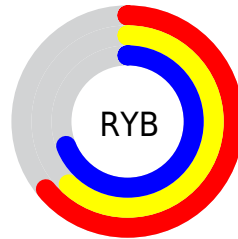
Distribution



Red (64%)

Green (62%)

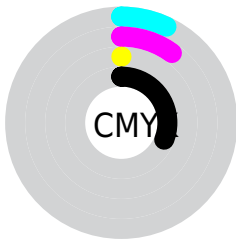
Blue (69%)



Red (64%)

Yellow (62%)

Blue (69%)

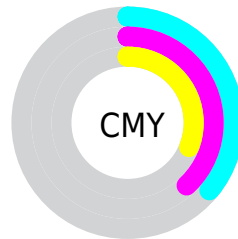


Cyan (7%)

Magenta (10%)

Yellow (0%)

Black (31%)



Cyan (36%)

Magenta (38%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1676, 35.3748, 46.0488 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 35.1676, 35.3748, 46.0488 by changing the saturation by 10% instead.

■ 35.1676, 35.3748,
46.0488

■ 35.1676, 35.3748,
46.0488

316.8026,
326.2196, 387.2881

■ 23.9591, 23.9517,
31.9354

■ 67.0776, 68.0660,
85.6271

■ 15.4279, 15.2978,
21.0477

■ 88.5099, 90.1029,
111.9290

■ 9.2085, 9.0287,
12.9673

114.0808,
116.4465, 143.1309

■ 4.9356, 4.7599,
7.2756

144.1558,
147.4813, 179.6512

■ 2.2439, 2.1071,
3.5540

179.1000,
183.5916, 221.9086

■ 0.7657, 0.6686,
1.3840

219.2790,

■ 0.0000, 0.0000,

225.1618, 270.3215

0.1292

265.0581,
272.5764, 325.3085

■ 0.0000, 0.0000,
0.0000

■ 35.1676, 35.3748,
46.0488

■ 35.1676, 35.3748,
46.0488

■ 29.9047, 28.5204,
45.0037

■ 41.1242, 43.2269,
47.2510

■ 25.3065, 22.6191,
44.1070

■ 47.7959, 52.1104,
48.6141

■ 21.3465, 17.6290,
43.3525

■ 55.2070, 62.0626,
50.1444

■ 17.9952, 13.5038,
42.7329

■ 63.3796, 73.1179,
51.8476

■ 15.2206, 10.1928,
42.2400

■ 72.3349, 85.3088,
53.7287

■ 12.9876, 7.6398,
41.8650

■ 79.2867, 93.0535,
54.8571

■ 11.2569, 5.7815,
41.5975

■ 83.7375, 95.3481,
55.0654

■ 9.9833, 4.5435,
41.4257

■ 84.8366, 95.9146,
55.1169

■ 9.0972, 3.7845,
41.3259

Harmonies

Analogous

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



33.7032, 35.3748, 47.4478



35.1676, 35.3748, 46.0488



36.2434, 35.3748, 42.6135

Triad

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



35.1676, 35.3748, 46.0488



35.0241, 35.3748, 31.6524



30.8012, 35.3748, 38.7481

Complementary

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



35.1676, 35.3748, 46.0488



38.4927, 42.1781, 38.4618

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.



31.1315, 35.3748, 34.6921



35.1676, 35.3748, 46.0488



33.5423, 35.3748, 30.7839

Square

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



35.1676, 35.3748, 46.0488



36.1588, 35.3748, 34.3210



32.1237, 35.3748, 31.8550



31.2080, 35.3748, 43.0420

Rectangle

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



35.1676, 35.3748, 46.0488



36.5795, 35.3748, 39.7473



32.1237, 35.3748, 31.8550



30.8297, 35.3748, 37.3126

Sweetspot

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



35.1686, 35.3763, 46.0496



71.4018, 74.1866, 85.0515



36.5389, 39.6062, 46.7938



15.2837, 15.8262, 18.3936



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.



35.1686, 35.3763, 46.0496



61.7908, 61.5516, 83.1192



37.0338, 36.3378, 46.1369



8.2562, 8.3406, 10.6811



6.7247, 2.8025, 30.3235



0.2696, 0.1181, 0.9568

Inverse Universe

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



37.4832, 36.6256, 43.6235



66.7490, 64.2287, 77.8827



36.6390, 41.2225, 38.3751



8.7473, 8.6057, 10.1680



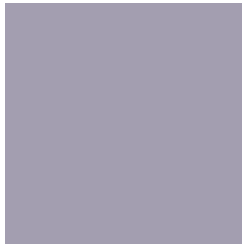
15.9793, 7.9093, 15.5827



0.5260, 0.2581, 0.6125

Previews

White Background



This preview shows how the XYZ color 35.1676, 35.3748, 46.0488 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 35.1676, 35.3748, 46.0488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

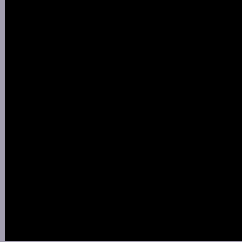
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

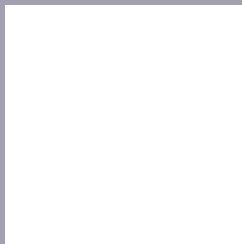
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1676, 35.3748, 46.0488

Background



This preview shows how black text looks on a background with the XYZ color 35.1676, 35.3748, 46.0488.



This preview shows how white text looks on a background with the XYZ color 35.1676, 35.3748,

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

35.1676, 35.3748, 46.0488

Protanopia

34.4345, 35.2397, 46.5820

Deuteranopia

36.0871, 35.3465, 45.9949



Tritanopia

34.6491, 35.4179, 43.5382

Trichromacy



Original Color

35.1676, 35.3748, 46.0488

Protanomaly

34.8312, 35.4442, 46.6006

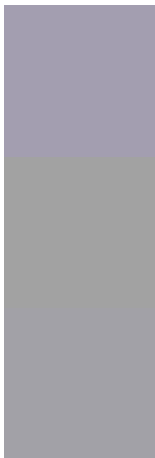
Deuteranomaly

35.8298, 35.4640, 46.0311

Tritanomaly

34.8413, 35.4948, 44.5500

Monochromacy



Original Color

35.1676, 35.3748, 46.0488

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.6202, 35.9611, 41.6757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1676, 35.3748, 46.0488 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(163, 158, 176)` looks like.

```
.text, #text, p{  
    color:rgb(163, 158, 176)  
}
```

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(163, 158, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 158, 176) }
```

Border

The CSS property to change the border of an element to XYZ 35.1676, 35.3748, 46.0488 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(163, 158, 176) }
```


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

```
.border{ border-color:rgb(163, 158, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 158, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 158, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 158, 176);  
box-shadow:4px 4px 4px 4px rgb(163, 158,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1676, 35.3748, 46.0488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 158, 176) }
```

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

```
.background{ background-color: rgb(163,  
158, 176) }
```

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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