

Converting Colors

XYZ(35.7456, 35.0883, 49.6885)

Have a look what the booklet for
XYZ(35.7456, 35.0883, 49.6885)
contains.

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Color

**XYZ(35.7456, 35.0883,
49.6885)**

Conversions

Conversions Part 1

Format	Color
Hex	A49CB7
RGB	164, 156, 183
RGB Percent	64%, 61%, 72%
CMY	0.3569, 0.3882, 0.2823
CMYK	0.10, 0.15, 0.00, 0.28
HSL	258°, 16%, 66%
HSV	258°, 15%, 72%
XYZ	35.7456, 35.0883, 49.6885
YIQ	161.4700, -3.8990, 10.0930

Conversions

Conversions Part 2

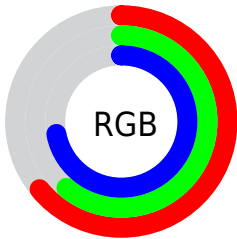
Format	Color
RYB	164, 156, 183
Decimal	10788023
CIELab	65.82, 8.25, -12.91
CIELCh	66, 15.324, 302.565
Yxy	35.0883, 0.2966, 0.2911
Android (android.graphics.Color)	4288978103 (0xFFA49CB7)
YUV	161.4700, 10.6143, 2.2188
Hunter-Lab	59.2354, 4.0539, -8.2696

Details

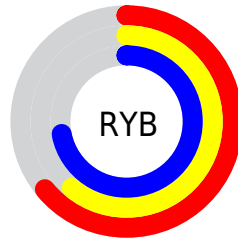
The XYZ color **35.7456, 35.0883, 49.6885** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.6145, 45.3821, 38.0730**, and the grayscale version is **34.0493, 35.8225, 39.0107**.

A 20% lighter version of the original color is **67.8400, 67.3853, 91.0925**, and **15.7629, 15.1596, 23.2144** is the 20% darker color. If you saturate the color by 10%, you get **30.3788, 28.1020, 48.6234**, and if you desaturate by 10%, it is **41.8464, 43.1416, 50.9219**.

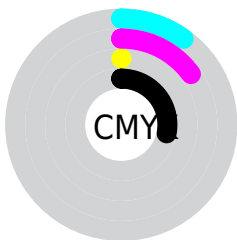
Distribution



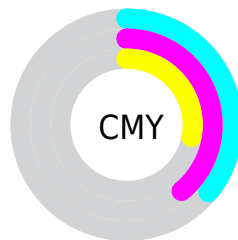
- Red (64%)
- Green (61%)
- Blue (72%)



- Red (64%)
- Yellow (61%)
- Blue (72%)



- Cyan (10%)
- Magenta (15%)
- Yellow (0%)
- Black (28%)



- Cyan (36%)
- Magenta (39%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.7456, 35.0883, 49.6885 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 35.7456, 35.0883, 49.6885 by changing the saturation by 10% instead.

■ 35.7456, 35.0883,
49.6885

■ 35.7456, 35.0883,
49.6885

319.2979,
324.9579, 402.1466

■ 24.4070, 23.7309,
34.7965

■ 67.9657, 67.6225,
91.1047

■ 15.7622, 15.1341,
23.2239

■ 89.5778, 89.5682,
118.4660

■ 9.4458, 8.9136,
14.5520

115.3452,
115.8120, 150.8209

■ 5.0925, 4.6848,
8.3625

145.6332,
146.7384, 188.5877

■ 2.3370, 2.0636,
4.2367

180.8071,
182.7318, 232.1852

■ 0.8135, 0.6440,
1.7561

221.2322,

■ 0.0000, 0.0000,

224.1766, 282.0318

0.3987

267.2741,
271.4572, 338.5461

■ 0.0000, 0.0000,
0.0000

■ 35.7456, 35.0883,
49.6885

■ 35.7456, 35.0883,
49.6885

■ 30.3788, 28.1020,
48.6234

■ 41.8464, 43.1416,
50.9219

■ 25.7141, 22.1330,
47.7171

■ 48.7048, 52.3000,
52.3282

■ 21.7222, 17.1340,
46.9626

■ 56.3476, 62.6053,
53.9145

■ 18.3700, 13.0522,
46.3515

■ 64.7991, 74.0957,
55.6870

■ 15.6217, 9.8299,
45.8743

■ 74.0825, 86.8076,
57.6513

■ 13.4378, 7.4022,
45.5208

■ 80.6760, 93.6877,
58.6318

■ 11.7731, 5.6949,
45.2790

■ 85.2356, 96.0382,
58.8452

■ 10.5745, 4.6187,
45.1345

■ 85.5474, 96.1989,
58.8598

■ 10.0804, 4.2092,
45.0815

Harmonies

Analogous

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



33.5453, 35.0883, 52.0422



35.7456, 35.0883, 49.6885



37.3596, 35.0883, 44.2337

Triad

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



35.7456, 35.0883, 49.6885



35.3938, 35.0883, 28.1858



29.1931, 35.0883, 38.7652

Complementary

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



35.7456, 35.0883, 49.6885



40.6145, 45.3821, 38.0730

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.



29.6387, 35.0883, 32.7509



35.7456, 35.0883, 49.6885



33.1562, 35.0883, 27.0678

Square

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



35.7456, 35.0883, 49.6885



37.1502, 35.0883, 31.8876



31.0646, 35.0883, 28.6433



29.8190, 35.0883, 45.3065

Rectangle

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



35.7456, 35.0883, 49.6885



37.8497, 35.0883, 39.8391



31.0646, 35.0883, 28.6433



29.2225, 35.0883, 36.6166

Sweetspot

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



35.7467, 35.0898, 49.6893



75.7446, 78.3269, 91.3621



37.6569, 41.2843, 50.7843



16.5361, 17.0428, 20.1397



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.7467, 35.0898, 49.6893



60.4658, 58.1944, 88.2815



38.6024, 36.5620, 49.8229



8.7645, 8.8450, 11.3247



7.0932, 2.9679, 31.4521



0.3142, 0.1377, 1.1118

Inverse Universe

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



39.1559, 36.9408, 45.6253



67.8931, 62.2295, 79.3125



37.8052, 43.9338, 37.9416



9.2645, 9.1162, 10.7402



16.4088, 8.1373, 15.3056



0.6042, 0.2972, 0.6752

Previews

White Background



This preview shows how the XYZ color 35.7456, 35.0883, 49.6885 looks on a white background.

Color Contrast Check

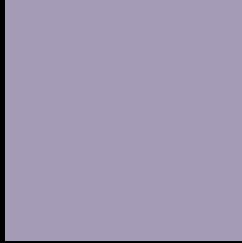
Large Text (above 18pt) WCAG AA × Fail

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 35.7456, 35.0883, 49.6885 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 35.7456, 35.0883, 49.6885

Background



This preview shows how black text looks on a background with the XYZ color 35.7456, 35.0883, 49.6885.



This preview shows how white text looks on a background with the XYZ color 35.7456, 35.0883,

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

35.7456, 35.0883, 49.6885

Protanopia

34.6727, 35.2676, 50.8788

Deuteranopia

35.7456, 35.0883, 49.6885



Tritanopia

34.4778, 35.0754, 43.4811

Trichromacy



Original Color

35.7456, 35.0883, 49.6885

Protanomaly

34.9791, 35.1835, 50.2949

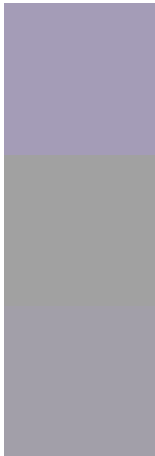
Deuteranomaly

35.7456, 35.0883, 49.6885

Tritanomaly

34.8991, 34.9956, 45.4729

Monochromacy



Original Color

35.7456, 35.0883, 49.6885

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.4599, 35.3422, 42.5416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7456, 35.0883, 49.6885 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(164, 156, 183)` looks like.

```
.text, #text, p{  
    color:rgb(164, 156, 183)  
}
```

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(164, 156, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 156, 183) }
```

Border

The CSS property to change the border of an element to XYZ 35.7456, 35.0883, 49.6885 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(164, 156, 183) }
```


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

```
.border{ border-color:rgb(164, 156, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 156, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 156, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 156, 183);  
box-shadow:4px 4px 4px 4px rgb(164, 156,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7456, 35.0883, 49.6885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 156, 183) }
```

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

```
.background{ background-color: rgb(164,  
156, 183) }
```

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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