

Converting Colors

XYZ(43.3562, 35.3999, 61.0721)

Have a look what the booklet for
XYZ(43.3562, 35.3999, 61.0721)
contains.

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Color

**XYZ(43.4785, 35.5281,
61.0660)**

Conversions

Conversions Part 1

Format	Color
Hex	C58ECB
RGB	197, 142, 203
RGB Percent	77%, 56%, 80%
CMY	0.2274, 0.4431, 0.2039
CMYK	0.03, 0.30, 0.00, 0.20
HSL	294°, 37%, 68%
HSV	294°, 30%, 80%
XYZ	43.4785, 35.5281, 61.0660
YIQ	165.3990, 13.1990, 30.6310

Conversions

Conversions Part 2

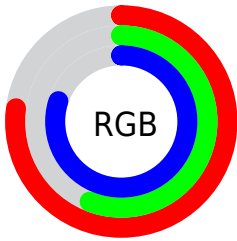
Format	Color
RYB	197, 142, 203
Decimal	12947147
CIELab	66.16, 31.13, -23.28
CIELCh	66, 38.871, 323.204
Yxy	35.5281, 0.3104, 0.2536
Android (android.graphics.Color)	4291137227 (0xFFC58ECB)
YUV	165.3990, 18.5373, 27.7141
Hunter-Lab	59.6055, 25.8952, -19.0190

Details

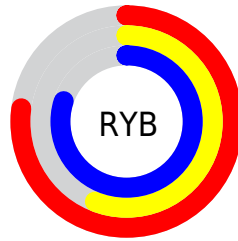
The XYZ color **43.4785, 35.5281, 61.0660** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.4523, 50.9616, 33.4028**, and the grayscale version is **35.8660, 37.7338, 41.0921**.

A 20% lighter version of the original color is **78.6630, 67.7707, 103.5428**, and **20.3212, 15.4029, 30.3358** is the 20% darker color. If you saturate the color by 10%, you get **40.2099, 29.7611, 60.1257**, and if you desaturate by 10%, it is **47.3063, 42.4017, 62.1915**.

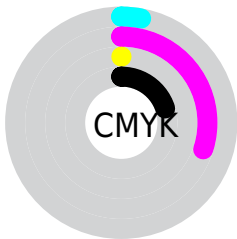
Distribution



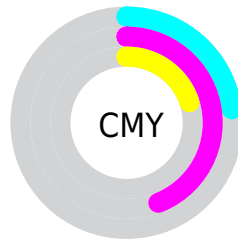
- Red (77%)
- Green (56%)
- Blue (80%)



- Red (77%)
- Yellow (56%)
- Blue (80%)



- Cyan (3%)
- Magenta (30%)
- Yellow (0%)
- Black (20%)





- Cyan (23%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4785, 35.5281, 61.0660 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 43.4785, 35.5281, 61.0660 by changing the saturation by 10% instead.


 43.4785, 35.5281,
61.0660

 43.4785, 35.5281,
61.0660

351.4642,
326.8932, 446.4292


 30.4569, 24.0700,
43.8475


 79.6837, 68.3031,
107.9330

 20.3354, 15.3855,
30.2143


 103.5979, 90.3887,
138.4185

 12.7488, 9.0904,
19.7479


 131.8737,
116.7856, 174.1635

 7.3316, 4.8002,
12.0297

164.8765,
147.8782, 215.5865

 3.7185, 2.1305,
6.6411

202.9716,
184.0509, 263.1061

 1.5441, 0.6817,
3.1637

246.5243,

 0.3556, 0.0000,

225.6880, 317.1407

1.1788

295.9001,
273.1740, 378.1089

■ 0.0000, 0.0000,
0.0000

■ 43.4785, 35.5281,
61.0660

■ 43.4785, 35.5281,
61.0660

■ 40.2099, 29.7611,
60.1257

■ 47.3063, 42.4017,
62.1915

■ 37.4671, 25.0364,
59.3583

■ 51.7176, 50.4326,
63.5091

■ 35.2186, 21.2901,
58.7537

■ 56.7393, 59.6739,
65.0282

■ 33.4280, 18.4492,
58.2997

■ 62.3955, 70.1740,
66.7568

■ 32.0536, 16.4308,
57.9825

■ 68.7093, 81.9787,
68.7026

■ 31.0463, 15.1364,
57.7858

■ 72.8288, 89.3844,
69.9149

■ 30.3164, 14.3834,
57.6789

■ 73.3972, 89.6774,
69.9415

■ 73.9727, 89.9741,
69.9685

■ 74.5554, 90.2745,
69.9957

Harmonies

Analogous

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



38.3419, 35.5281, 75.9574



43.4785, 35.5281, 61.0660



46.0573, 35.5281, 42.5762

Triad

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



43.4785, 35.5281, 61.0660



35.1014, 35.5281, 14.8955



24.5445, 35.5281, 52.6374

Complementary

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



43.4785, 35.5281, 61.0660



38.4523, 50.9616, 33.4028

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.



23.8864, 35.5281, 35.0366



43.4785, 35.5281, 61.0660



29.5738, 35.5281, 16.1756

Square

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



43.4785, 35.5281, 61.0660



40.8763, 35.5281, 18.3757



25.6237, 35.5281, 22.5726



27.5363, 35.5281, 70.2002

Rectangle

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



43.4785, 35.5281, 61.0660



45.7924, 35.5281, 31.8561



25.6237, 35.5281, 22.5726



24.0582, 35.5281, 46.4240

Sweetspot

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



43.4796, 35.5296, 61.0668



87.3351, 85.7958, 106.5649



32.5419, 31.2754, 60.8221



18.4437, 17.9067, 22.7342



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



43.4796, 35.5296, 61.0668



69.1787, 53.0731, 101.2058



42.3990, 35.2825, 47.0127



11.5746, 11.3455, 14.1502



19.3363, 9.1758, 36.7082



1.0298, 0.4900, 1.8952

Inverse Universe

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



39.6480, 34.1821, 32.5265



61.8411, 50.5128, 45.6356



39.4322, 51.2314, 44.0808



11.2564, 11.2313, 11.8849



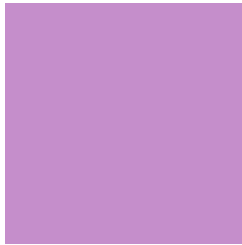
15.7693, 8.1183, 1.2380



0.8292, 0.4251, 0.1464

Previews

White Background



This preview shows how the XYZ color 43.4785, 35.5281, 61.0660 looks on a white background.

Color Contrast Check

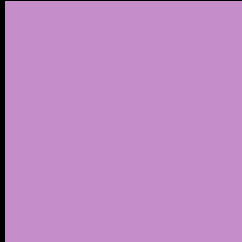
Large Text (above 18pt) WCAG AA × Fail

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 43.4785, 35.5281, 61.0660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

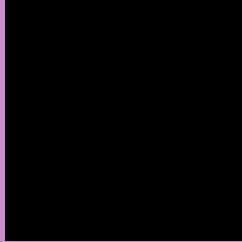
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4785, 35.5281, 61.0660

Background



This preview shows how black text looks on a background with the XYZ color 43.4785, 35.5281, 61.0660.



This preview shows how white text looks on a background with the XYZ color 43.4785, 35.5281,

61.0660.

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

43.4785, 35.5281, 61.0660

Protanopia

36.4699, 35.7739, 69.9486

Deuteranopia

36.5568, 35.7919, 59.6254



Tritanopia

38.9138, 35.4977, 38.9832

Trichromacy



Original Color

43.4785, 35.5281, 61.0660

Protanomaly

38.4589, 35.3781, 66.4297

Deuteranomaly

38.7841, 35.4442, 60.0556

Tritanomaly

40.3618, 35.3792, 46.2965

Monochromacy



Original Color

43.4785, 35.5281, 61.0660

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

38.3251, 36.7157, 47.7147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4785, 35.5281, 61.0660 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(197, 142, 203)` looks like.

```
.text, #text, p{  
    color:rgb(197, 142, 203)  
}
```

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(197, 142, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 142, 203) }
```

Border

The CSS property to change the border of an element to XYZ 43.4785, 35.5281, 61.0660 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(197, 142, 203) }
```


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

```
.border{ border-color:rgb(197, 142, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 142, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 142, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 142, 203);  
box-shadow:4px 4px 4px 4px rgb(197, 142,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4785, 35.5281, 61.0660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 142, 203) }
```

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

```
.background{ background-color: rgb(197,  
142, 203) }
```

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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