

Converting Colors

XYZ(40.2007, 35.9882, 57.6509)

Have a look what the booklet for XYZ(40.2007, 35.9882, 57.6509) contains.

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Color

**XYZ(40.2007, 35.9882,
57.6509)**

Conversions

Conversions Part 1

Format	Color
Hex	B597C5
RGB	181, 151, 197
RGB Percent	71%, 59%, 77%
CMY	0.2902, 0.4078, 0.2274
CMYK	0.08, 0.23, 0.00, 0.23
HSL	279°, 28%, 68%
HSV	279°, 23%, 77%
XYZ	40.2007, 35.9882, 57.6509
YIQ	165.2140, 3.1140, 20.6660

Conversions

Conversions Part 2

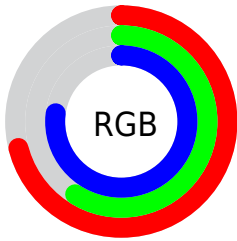
Format	Color
R _Y B	181, 151, 197
Decimal	11900869
CIE Lab	66.51, 19.67, -19.54
CIE LCh	67, 27.725, 315.190
Yxy	35.9882, 0.3004, 0.2689
Android (android.graphics.Color)	4290090949 (0xFFB597C5)
YUV	165.2140, 15.6705, 13.8443
Hunter-Lab	59.9902, 14.6339, -14.9849

Details

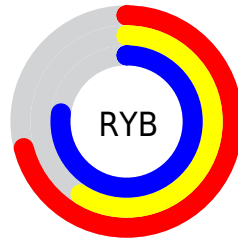
The XYZ color **40.2007, 35.9882, 57.6509** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.4898, 50.3833, 36.8181**, and the grayscale version is **35.7939, 37.6580, 41.0095**.

A 20% lighter version of the original color is **74.6458, 68.8229, 103.1158**, and **18.4172, 15.6867, 28.0437** is the 20% darker color. If you saturate the color by 10%, you get **35.7241, 29.3614, 56.6083**, and if you desaturate by 10%, it is **45.2883, 43.7183, 58.8754**.

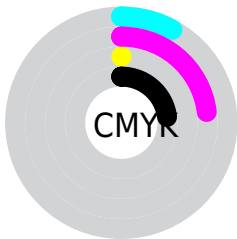
Distribution



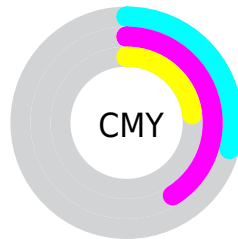
- Red (71%)
- Green (59%)
- Blue (77%)



- Red (71%)
- Yellow (59%)
- Blue (77%)



- Cyan (8%)
- Magenta (23%)
- Yellow (0%)
- Black (23%)



- Cyan (29%)
- Magenta (41%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2007, 35.9882, 57.6509 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 40.2007, 35.9882, 57.6509 by changing the saturation by 10% instead.


 40.2007, 35.9882,
57.6509


 40.2007, 35.9882,
57.6509


338.0887,
328.9090, 433.4457

 27.8800, 24.4251,
41.1152


 74.7514, 69.0139,
102.9241

 18.3752, 15.6492,
28.0887


 97.7121, 91.2452,
132.4986

 11.3210, 9.2763,
18.1529


124.9502,
117.8014, 167.2566

 6.3521, 4.9218,
10.8893

156.8310,
149.0668, 207.6164

 3.1030, 2.2015,
5.8792

193.7199,
185.4259, 253.9967

 1.2085, 0.7208,
2.7042

235.9823,

 0.1130, 0.0000,

227.2630, 306.8160

0.9455

283.9834,
274.9626, 366.4928

■ 0.0000, 0.0000,
0.0000

■ 40.2007, 35.9882,
57.6509

■ 40.2007, 35.9882,
57.6509

■ 35.7241, 29.3614,
56.6083

■ 45.2883, 43.7183,
58.8754

■ 31.8278, 23.7802,
55.7364

■ 51.0091, 52.5965,
60.2875

■ 28.4832, 19.1884,
55.0263

■ 57.3884, 62.6711,
61.8959

■ 25.6576, 15.5224,
54.4677

■ 64.4487, 73.9856,
63.7077

■ 23.3147, 12.7114,
54.0486

■ 72.2117, 86.5819,
65.7299

■ 21.4128, 10.6738,
53.7555

■ 75.9978, 91.0992,
66.4022

■ 19.9018, 9.3111,
53.5721

■ 78.1411, 92.2040,
66.5025

■ 19.0522, 8.6575,
53.4908

■ 80.3707, 93.3534,
66.6069

■ 82.6875, 94.5478,
66.7153

Harmonies

Analogous

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



36.3448, 35.9882, 65.7145



40.2007, 35.9882, 57.6509



42.5372, 35.9882, 45.3381

Triad

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



40.2007, 35.9882, 57.6509



36.2916, 35.9882, 20.9468



27.0517, 35.9882, 45.4996

Complementary

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



40.2007, 35.9882, 57.6509



41.4898, 50.3833, 36.8181

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.



27.0400, 35.9882, 33.6155



40.2007, 35.9882, 57.6509



32.1522, 35.9882, 20.9727

Square

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



40.2007, 35.9882, 57.6509



40.1590, 35.9882, 25.0751



28.8385, 35.9882, 25.1547



28.8719, 35.9882, 57.7896

Rectangle

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



40.2007, 35.9882, 57.6509



42.8072, 35.9882, 37.1491



28.8385, 35.9882, 25.1547



26.8413, 35.9882, 41.2940

Sweetspot

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



40.2018, 35.9897, 57.6517



87.3701, 87.9766, 106.9840



36.6790, 38.2861, 58.2806



18.5650, 18.6195, 22.8654



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.



40.2018, 35.9897, 57.6517



67.7935, 58.1853, 102.2655



43.3988, 37.7271, 53.7680



10.7112, 10.6249, 13.4038



12.6243, 5.7423, 35.1874



0.6737, 0.3111, 1.6697

Inverse Universe

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



41.0688, 36.7951, 41.4984



69.7363, 59.9506, 67.8519



38.8930, 48.9779, 39.7081



10.7836, 10.6968, 11.8440



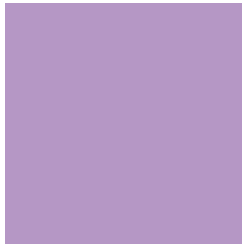
15.8780, 8.1007, 4.5672



0.7861, 0.3973, 0.3966

Previews

White Background



This preview shows how the XYZ color 40.2007, 35.9882, 57.6509 looks on a white background.

Color Contrast Check

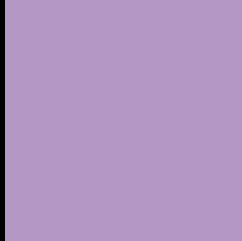
Large Text (above 18pt) WCAG AA × Fail

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 40.2007, 35.9882, 57.6509 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 40.2007, 35.9882, 57.6509

Background



This preview shows how black text looks on a background with the XYZ color 40.2007, 35.9882, 57.6509.



This preview shows how white text looks on a background with the XYZ color 40.2007, 35.9882,

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

40.2007, 35.9882, 57.6509

Protanopia

36.1128, 36.0327, 61.5516

Deuteranopia

36.8886, 36.0163, 57.2322



Tritanopia

37.0878, 35.9512, 42.0303

Trichromacy



Original Color

40.2007, 35.9882, 57.6509

Protanomaly

37.4999, 36.0124, 60.2330

Deuteranomaly

37.8336, 35.7530, 57.1315

Tritanomaly

38.0524, 35.8309, 47.5583

Monochromacy



Original Color

40.2007, 35.9882, 57.6509

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.3012, 36.9739, 46.7657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2007, 35.9882, 57.6509 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(181, 151, 197)` looks like.

```
.text, #text, p{  
    color:rgb(181, 151, 197)  
}
```

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(181, 151, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 151, 197) }
```

Border

The CSS property to change the border of an element to XYZ 40.2007, 35.9882, 57.6509 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(181, 151, 197) }
```


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

```
.border{ border-color:rgb(181, 151, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 151, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 151, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 151, 197); box-shadow:4px 4px 4px 4px rgb(181, 151, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2007, 35.9882, 57.6509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 151, 197) }
```

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

```
.background{ background-color: rgb(181,  
151, 197) }
```

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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