

Converting Colors

XYZ(40.5380, 35.3238, 47.6533)

Have a look what the booklet for
XYZ(40.5380, 35.3238, 47.6533)
contains.

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Color

**XYZ(40.6643, 35.5002,
47.8890)**

Conversions

Conversions Part 1

Format	Color
Hex	C193B4
RGB	193, 147, 180
RGB Percent	76%, 58%, 71%
CMY	0.2431, 0.4235, 0.2941
CMYK	0.00, 0.24, 0.07, 0.24
HSL	317°, 27%, 67%
HSV	317°, 24%, 76%
XYZ	40.6643, 35.5002, 47.8890
YIQ	164.5160, 16.8230, 20.0150

Conversions

Conversions Part 2

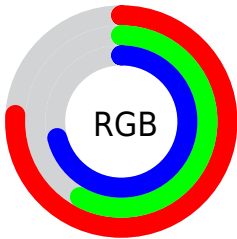
Format	Color
R_{YB}	193, 147, 180
Decimal	12686260
CIE _{Lab}	66.14, 22.72, -10.48
CIE _{LCh}	66, 25.023, 335.233
Yxy	35.5002, 0.3278, 0.2862
Android (android.graphics.Color)	4290876340 (0xFFC193B4)
YUV	164.5160, 7.6336, 24.9805
Hunter-Lab	59.5820, 17.5563, -5.9468

Details

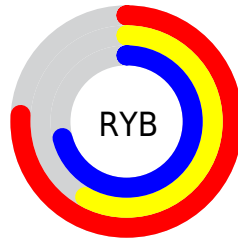
The XYZ color **40.6643, 35.5002, 47.8890** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.4492, 46.8821, 40.3353**, and the grayscale version is **35.4925, 37.3409, 40.6642**.

A 20% lighter version of the original color is **75.4513, 68.1534, 88.5351**, and **18.6611, 15.3870, 22.0651** is the 20% darker color. If you saturate the color by 10%, you get **37.3666, 29.7763, 44.1020**, and if you desaturate by 10%, it is **44.4894, 42.2430, 51.9605**.

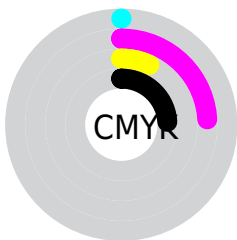
Distribution



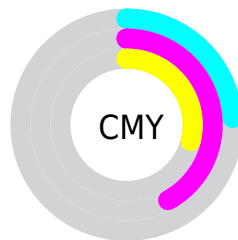
- Red (76%)
- Green (58%)
- Blue (71%)



- Red (76%)
- Yellow (58%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (7%)
- Black (24%)





- Cyan (24%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6643, 35.5002, 47.8890 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 40.6643, 35.5002, 47.8890 by changing the saturation by 10% instead.


 40.6643, 35.5002,
47.8890

 40.6643, 35.5002,
47.8890

340.0022,
326.7707, 394.8480

 28.2434, 24.0484,
33.3796


 75.4520, 68.2599,
88.4029

 18.6506, 15.3696,
22.1439


 98.5494, 90.3367,
115.2446

 11.5206, 9.0792,
13.7634


125.9364,
116.7239, 147.0341

 6.4880, 4.7929,
7.8194

157.9783,
147.8060, 184.1899

 3.1875, 2.1262,
3.8935

195.0405,
183.9673, 227.1307

 1.2537, 0.6793,
1.5671

237.4883,

 0.1481, 0.0000,

225.5923, 276.2750

0.2672

285.6871,
273.0653, 332.0412

■ 0.0000, 0.0000,
0.0000

■ 40.6643, 35.5002,
47.8890

■ 40.6643, 35.5002,
47.8890

■ 37.3666, 29.7763,
44.1020

■ 44.4894, 42.2430,
51.9605

■ 34.5679, 25.0162,
40.5877

■ 48.8625, 50.0468,
56.3234

■ 32.2417, 21.1669,
37.3363

■ 53.8067, 58.9569,
60.9869

■ 30.3577, 18.1683,
34.3365

■ 59.3428, 69.0149,
65.9592

■ 28.8821, 15.9530,
31.5757

■ 65.4908, 80.2600,
71.2481

■ 27.7758, 14.4434,
29.0396

■ 69.7286, 87.6480,
76.0141

■ 26.9917, 13.5457,
26.7111

■ 70.4317, 87.9293,
79.7166

■ 26.6129, 13.1857,
25.3593

■ 71.1584, 88.2199,
83.5430

■ 71.9087, 88.5201,
87.4943

Harmonies

Analogous

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



38.0400, 35.5002, 57.9225



40.6643, 35.5002, 47.8890



41.3800, 35.5002, 36.8149

Triad

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



40.6643, 35.5002, 47.8890



33.0936, 35.5002, 21.6286



28.2287, 35.5002, 51.7205

Complementary

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



40.6643, 35.5002, 47.8890



37.4492, 46.8821, 40.3353

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.



27.1067, 35.5002, 40.5527



40.6643, 35.5002, 47.8890



29.7804, 35.5002, 24.2162

Square

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



40.6643, 35.5002, 47.8890



36.8289, 35.5002, 22.8736



27.6533, 35.5002, 30.6893



30.8324, 35.5002, 60.4042

Rectangle

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



40.6643, 35.5002, 47.8890



40.6365, 35.5002, 30.5602



27.6533, 35.5002, 30.6893



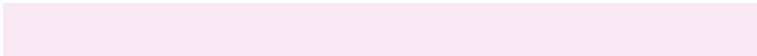
27.6748, 35.5002, 48.0631

Sweetspot

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



40.6654, 35.5018, 47.8898



84.8345, 84.8380, 98.2550



34.4119, 32.1177, 54.8384



18.0962, 18.0154, 20.9765



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



40.6654, 35.5018, 47.8898



69.3967, 57.6000, 81.8948



38.5760, 34.6660, 36.8873



10.3720, 10.1974, 12.0493



17.7361, 8.7842, 17.0543



0.7946, 0.3909, 0.8858

Inverse Universe

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



40.6654, 35.5018, 47.8898



69.3967, 57.6000, 81.8948



39.5749, 47.7324, 51.5291



10.3720, 10.1974, 12.0493



17.7361, 8.7842, 17.0543



0.7946, 0.3909, 0.8858

Previews

White Background



This preview shows how the XYZ color 40.6643, 35.5002, 47.8890 looks on a white background.

Color Contrast Check

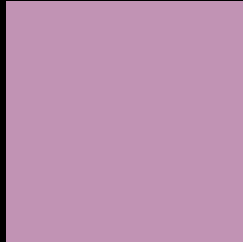
Large Text (above 18pt) WCAG AA × Fail

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 40.6643, 35.5002, 47.8890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

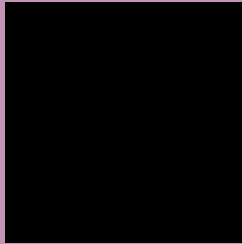
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6643, 35.5002, 47.8890

Background



This preview shows how black text looks on a background with the XYZ color 40.6643, 35.5002, 47.8890.



This preview shows how white text looks on a background with the XYZ color 40.6643, 35.5002,

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

40.6643, 35.5002, 47.8890

Protanopia

35.3582, 35.8404, 52.6313

Deuteranopia

36.4550, 35.7633, 47.1011



Tritanopia

38.9138, 35.4977, 38.9832

Trichromacy



Original Color

40.6643, 35.5002, 47.8890

Protanomaly

36.8405, 35.3805, 50.7864

Deuteranomaly

37.8880, 35.5021, 47.5035

Tritanomaly

39.6471, 35.5659, 42.3114

Monochromacy



Original Color

40.6643, 35.5002, 47.8890

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.1618, 36.4700, 43.1110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6643, 35.5002, 47.8890 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(193, 147, 180)` looks like.

```
.text, #text, p{  
    color:rgb(193, 147, 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(193, 147, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 147, 180) }
```

Border

The CSS property to change the border of an element to XYZ 40.6643, 35.5002, 47.8890 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(193, 147, 180) }
```


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

```
.border{ border-color:rgb(193, 147, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 147, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 147, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 147, 180);  
box-shadow:4px 4px 4px 4px rgb(193, 147,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6643, 35.5002, 47.8890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 147, 180) }
```

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

```
.background{ background-color: rgb(193,  
147, 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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