

Converting Colors

XYZ(41.9600, 35.7624, 66.3199)

Have a look what the booklet for
XYZ(41.9600, 35.7624, 66.3199)
contains.

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Color

**XYZ(41.9588, 35.7609,
66.3191)**

Conversions

Conversions Part 1

Format	Color
Hex	B893D3
RGB	184, 147, 211
RGB Percent	72%, 58%, 83%
CMY	0.2784, 0.4235, 0.1725
CMYK	0.13, 0.30, 0.00, 0.17
HSL	275°, 42%, 70%
HSV	275°, 30%, 83%
XYZ	41.9588, 35.7609, 66.3191
YIQ	165.3590, 1.5080, 27.7480

Conversions

Conversions Part 2

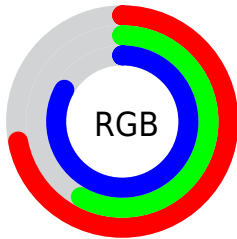
Format	Color
RYB	184, 147, 211
Decimal	12096467
CIELab	66.34, 25.81, -27.57
CIElCh	66, 37.771, 313.111
Yxy	35.7609, 0.2913, 0.2483
Android (android.graphics.Color)	4290286547 (0xFFB893D3)
YUV	165.3590, 22.5010, 16.3482
Hunter-Lab	59.8004, 20.5933, -23.8928

Details

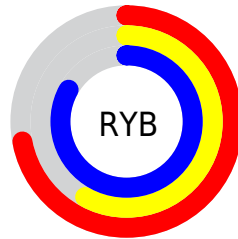
The XYZ color **41.9588, 35.7609, 66.3191** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.0173, 57.6946, 36.3161**, and the grayscale version is **35.8323, 37.6984, 41.0535**.

A 20% lighter version of the original color is **75.2123, 67.6941, 103.7099**, and **19.3895, 15.5119, 33.4246** is the 20% darker color. If you saturate the color by 10%, you get **36.9083, 28.7259, 65.2280**, and if you desaturate by 10%, it is **47.7476, 44.0716, 67.6187**.

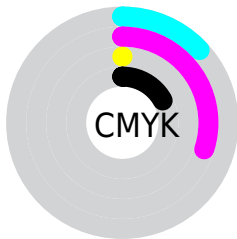
Distribution



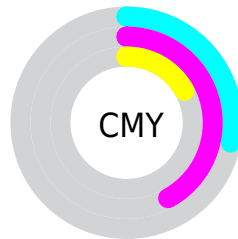
- Red (72%)
- Green (58%)
- Blue (83%)



- Red (72%)
- Yellow (58%)
- Blue (83%)



- Cyan (13%)
- Magenta (30%)
- Yellow (0%)
- Black (17%)



- Cyan (28%)
- Magenta (42%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9588, 35.7609, 66.3191 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 41.9588, 35.7609, 66.3191 by changing the saturation by 10% instead.

41.9588, 35.7609,
66.3191

41.9588, 35.7609,
66.3191

345.3067,
327.9143, 465.9526

29.2600, 24.2496,
48.0734

77.4028, 68.6629,
115.5756

19.4229, 15.5189,
33.5246

100.8788, 90.8223,
147.4234

12.0820, 9.1843,
22.2542

128.6778,
117.2999, 184.6423

6.8722, 4.8616,
13.8437

161.1652,
148.4801, 227.6509

3.4279, 2.1663,
7.8745

198.7065,
184.7472, 276.8677

1.3839, 0.7015,
3.9282

241.6669,

0.2447, 0.0000,

226.4857, 332.7112

1.5860

290.4119,
274.0799, 395.6000

■ 0.0000, 0.0000,
0.2808

■ 0.0000, 0.0000,
0.0000

■ 41.9588, 35.7609,
66.3191

■ 41.9588, 35.7609,
66.3191

■ 36.9083, 28.7259,
65.2280

■ 47.7476, 44.0716,
67.6187

■ 32.5572, 22.8949,
64.3318

■ 54.3039, 53.7156,
69.1346

■ 28.8681, 18.1960,
63.6192

■ 61.6597, 64.7522,
70.8772

■ 25.7981, 14.5473,
63.0768

■ 69.8439, 77.2361,
72.8555

■ 23.2987, 11.8557,
62.6890

■ 78.8838, 91.2185,
75.0779

■ 21.3125, 10.0107,
62.4376

■ 82.5806, 94.2986,
75.4776

■ 19.7820, 8.8397,
62.2922

■ 85.6339, 95.8727,
75.6205

■ 88.7580, 97.4832,
75.7667

Harmonies

Analogous

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



36.5114, 35.7609, 77.7286



41.9588, 35.7609, 66.3191



45.4672, 35.7609, 48.6825

Triad

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



41.9588, 35.7609, 66.3191



37.2408, 35.7609, 16.1269



24.4780, 35.7609, 46.4220

Complementary

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



41.9588, 35.7609, 66.3191



46.0173, 57.6946, 36.3161

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.



24.6271, 35.7609, 30.5884



41.9588, 35.7609, 66.3191



31.5868, 35.7609, 15.8341

Square

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



41.9588, 35.7609, 66.3191



42.5435, 35.7609, 21.3251



27.0994, 35.7609, 20.3701



26.6668, 35.7609, 64.2746

Rectangle

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



41.9588, 35.7609, 66.3191



46.0182, 35.7609, 37.2748



27.0994, 35.7609, 20.3701



24.2642, 35.7609, 40.6490

Sweetspot

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



41.9600, 35.7624, 66.3199



84.6879, 84.4311, 106.4410



39.0699, 41.4638, 67.5727



17.7889, 17.5691, 22.7036



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.



41.9600, 35.7624, 66.3199



59.5821, 48.1259, 100.7566



48.5285, 39.2096, 63.8719



11.8088, 11.7503, 14.8893



12.0576, 5.3962, 37.5986



0.7637, 0.3479, 2.1065

Inverse Universe

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



44.9387, 37.7737, 44.9681



65.0249, 51.7863, 62.4009



40.9356, 55.0355, 37.8587



12.0127, 11.8898, 13.3427



17.3498, 8.8127, 6.7480



1.0093, 0.5085, 0.5840

Previews

White Background



This preview shows how the XYZ color 41.9588, 35.7609, 66.3191 looks on a white background.

Color Contrast Check

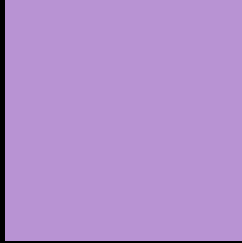
Large Text (above 18pt) WCAG AA × Fail

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 41.9588, 35.7609, 66.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

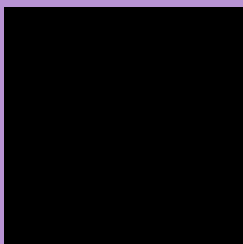
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9588, 35.7609, 66.3191

Background



This preview shows how black text looks on a background with the XYZ color 41.9588, 35.7609, 66.3191.



This preview shows how white text looks on a background with the XYZ color 41.9588, 35.7609,

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

41.9588, 35.7609, 66.3191

Protanopia

36.8180, 35.8929, 72.6976

Deuteranopia

36.8557, 36.0751, 65.3423



Tritanopia

36.9207, 35.6170, 41.9746

Trichromacy



Original Color

41.9588, 35.7609, 66.3191

Protanomaly

38.5438, 35.8234, 70.5288

Deuteranomaly

38.6640, 35.9883, 65.8814

Tritanomaly

38.7024, 35.6205, 50.1830

Monochromacy



Original Color

41.9588, 35.7609, 66.3191

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.6836, 36.6018, 49.3347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9588, 35.7609, 66.3191 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(184, 147, 211)` looks like.

```
.text, #text, p{  
    color:rgb(184, 147, 211)  
}
```

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(184, 147, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 147, 211) }
```

Border

The CSS property to change the border of an element to XYZ 41.9588, 35.7609, 66.3191 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(184, 147, 211) }
```


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

```
.border{ border-color:rgb(184, 147, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 147, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 147, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 147, 211);  
box-shadow:4px 4px 4px 4px rgb(184, 147,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9588, 35.7609, 66.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 147, 211) }
```

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

```
.background{ background-color: rgb(184,  
147, 211) }
```

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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