

Converting Colors

XYZ(41.3753, 35.4789, 56.6191)

Have a look what the booklet for
XYZ(41.3753, 35.4789, 56.6191)
contains.

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Color

**XYZ(41.4779, 35.4904,
56.8888)**

Conversions

Conversions Part 1

Format	Color
Hex	BE92C4
RGB	190, 146, 196
RGB Percent	75%, 57%, 77%
CMY	0.2549, 0.4274, 0.2314
CMYK	0.03, 0.26, 0.00, 0.23
HSL	293°, 30%, 67%
HSV	293°, 26%, 77%
XYZ	41.4779, 35.4904, 56.8888
YIQ	164.8560, 10.1740, 24.8780

Conversions

Conversions Part 2

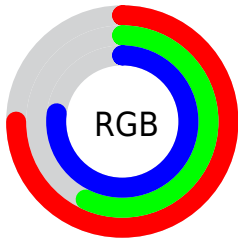
Format	Color
R _Y B	190, 146, 196
Decimal	12489412
CIE Lab	66.13, 25.25, -19.48
CIE LCh	66, 31.893, 322.347
Yxy	35.4904, 0.3099, 0.2651
Android (android.graphics.Color)	4290679492 (0xFFBE92C4)
YUV	164.8560, 15.3540, 22.0513
Hunter-Lab	59.5738, 20.0253, -14.9161

Details

The XYZ color **41.4779, 35.4904, 56.8888** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.8783, 48.2315, 34.5090**, and the grayscale version is **35.6215, 37.4766, 40.8120**.

A 20% lighter version of the original color is **76.7417, 68.1746, 102.0428**, and **19.1280, 15.3717, 27.5501** is the 20% darker color. If you saturate the color by 10%, you get **38.1293, 29.6577, 55.9400**, and if you desaturate by 10%, it is **45.3561, 42.3670, 58.0122**.

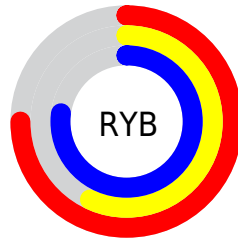
Distribution



Red (75%)

Green (57%)

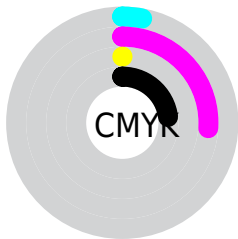
Blue (77%)



Red (75%)

Yellow (57%)

Blue (77%)

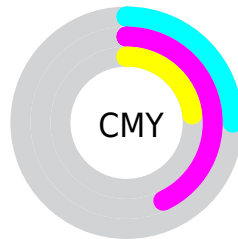


Cyan (3%)

Magenta (26%)

Yellow (0%)

Black (23%)



Cyan (25%)


Magenta (43%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4779, 35.4904, 56.8888 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 41.4779, 35.4904, 56.8888 by changing the saturation by 10% instead.


 41.4779, 35.4904,
56.8888


 41.4779, 35.4904,
56.8888


343.3426,
326.7277, 430.5146

 28.8820, 24.0409,
40.5072

 76.6790, 68.2448,
101.8016

 19.1354, 15.3639,
27.6174


 100.0149, 90.3184,
131.1700

 11.8728, 9.0752,
17.8009


127.6615,
116.7023, 165.7043

 6.7287, 4.7903,
10.6392

159.9841,
147.7806, 205.8231

 3.3378, 2.1247,
5.7137

197.3482,
183.9380, 251.9450

 1.3348, 0.6785,
2.6058

240.1191,

 0.2091, 0.0000,

225.5587, 304.4885

0.8955

288.6621,
273.0271, 363.8722

■ 0.0000, 0.0000,
0.0000

■ 41.4779, 35.4904,
56.8888

■ 41.4779, 35.4904,
56.8888

■ 38.1293, 29.6577,
55.9400

■ 45.3561, 42.3670,
58.0122

■ 35.2807, 24.8115,
55.1547

■ 49.7853, 50.3319,
59.3162

■ 32.9042, 20.8956,
54.5241

■ 54.7894, 59.4327,
60.8091

■ 30.9681, 17.8468,
54.0377

■ 60.3903, 69.7127,
62.4981

■ 29.4367, 15.5934,
53.6835

■ 66.6085, 81.2129,
64.3901

■ 28.2684, 14.0526,
53.4476

■ 70.6568, 88.3589,
65.5561

■ 27.4123, 13.1224,
53.3132

■ 71.3068, 88.6940,
65.5865

■ 27.0831, 12.8108,
53.2704

■ 71.9667, 89.0342,
65.6174

■ 72.6363, 89.3794,
65.6487

Harmonies

Analogous

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



37.3191, 35.4904, 68.1729



41.4779, 35.4904, 56.8888



43.5993, 35.4904, 42.2257

Triad

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



41.4779, 35.4904, 56.8888



34.9614, 35.4904, 18.1117



25.9833, 35.4904, 49.4451

Complementary

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



41.4779, 35.4904, 56.8888



37.8783, 48.2315, 34.5090

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.



25.4795, 35.4904, 35.2690



41.4779, 35.4904, 56.8888



30.3835, 35.4904, 19.1747

Square

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



41.4779, 35.4904, 56.8888



39.6142, 35.4904, 21.4377



27.0169, 35.4904, 24.7864



28.4640, 35.4904, 63.2209

Rectangle

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



41.4779, 35.4904, 56.8888



43.4456, 35.4904, 33.3243



27.0169, 35.4904, 24.7864



25.5871, 35.4904, 44.4995

Sweetspot

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



41.4790, 35.4919, 56.8896



87.9891, 87.2065, 106.8028



33.1560, 32.7716, 56.8032



18.5655, 18.1832, 22.7812



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.



41.4790, 35.4919, 56.8896



71.4014, 57.7562, 101.9925



41.0474, 35.4960, 46.6333



10.3745, 10.1842, 12.7038



17.4502, 8.2563, 34.2305



0.7882, 0.3744, 1.4806

Inverse Universe

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



38.7125, 34.5620, 34.3380



65.5586, 55.8123, 53.4580



38.3262, 48.2842, 42.5812



10.1213, 10.0971, 10.7292



14.7474, 7.5887, 1.3161



0.6538, 0.3345, 0.1443

Previews

White Background



This preview shows how the XYZ color 41.4779, 35.4904, 56.8888 looks on a white background.

Color Contrast Check

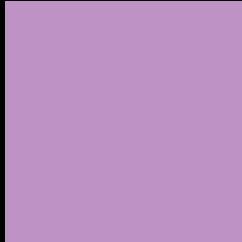
Large Text (above 18pt) WCAG AA × Fail

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 41.4779, 35.4904, 56.8888 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 41.4779, 35.4904, 56.8888

Background



This preview shows how black text looks on a background with the XYZ color 41.4779, 35.4904, 56.8888.



This preview shows how white text looks on a background with the XYZ color 41.4779, 35.4904,

56.8888.

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

41.4779, 35.4904, 56.8888

Protanopia

35.8120, 35.5936, 62.7404

Deuteranopia

36.2918, 35.4826, 55.9750



Tritanopia

37.9367, 35.4511, 39.9652

Trichromacy



Original Color

41.4779, 35.4904, 56.8888

Protanomaly

37.5261, 35.2680, 60.7067

Deuteranomaly

38.0361, 35.3805, 56.4542

Tritanomaly

39.2363, 35.5121, 45.8608

Monochromacy



Original Color

41.4779, 35.4904, 56.8888

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

37.5189, 36.5870, 46.1588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4779, 35.4904, 56.8888 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(190, 146, 196)` looks like.

```
.text, #text, p{  
    color:rgb(190, 146, 196)  
}
```

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(190, 146, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 146, 196) }
```

Border

The CSS property to change the border of an element to XYZ 41.4779, 35.4904, 56.8888 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(190, 146, 196) }
```


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

```
.border{ border-color:rgb(190, 146, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 146, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 146, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 146, 196);  
box-shadow:4px 4px 4px 4px rgb(190, 146,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4779, 35.4904, 56.8888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 146, 196) }
```

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

```
.background{ background-color: rgb(190,  
146, 196) }
```

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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