

Converting Colors

XYZ(41.5386, 39.3446, 56.3323)

Have a look what the booklet for
XYZ(41.5386, 39.3446, 56.3323)
contains.

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Color

**XYZ(41.7140, 39.5595,
56.4761)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A2C2
RGB	181, 162, 194
RGB Percent	71%, 64%, 76%
CMY	0.2902, 0.3647, 0.2392
CMYK	0.07, 0.16, 0.00, 0.24
HSL	276°, 21%, 70%
HSV	276°, 16%, 76%
XYZ	41.7140, 39.5595, 56.4761
YIQ	171.3290, 1.0520, 13.9800

Conversions

Conversions Part 2

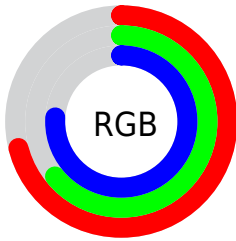
Format	Color
R_{YB}	181, 162, 194
Decimal	11903682
CIE _{Lab}	69.15, 12.93, -13.88
CIE _{LCh}	69, 18.963, 312.971
Yxy	39.5595, 0.3028, 0.2872
Android (android.graphics.Color)	4290093762 (0xFFB5A2C2)
YUV	171.3290, 11.1768, 8.4815
Hunter-Lab	62.8963, 8.3158, -9.2104

Details

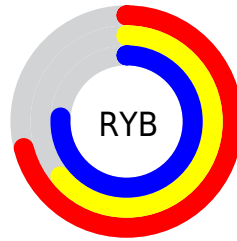
The XYZ color **41.7140, 39.5595, 56.4761** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.4940, 50.3072, 41.6023**, and the grayscale version is **38.8203, 40.8420, 44.4769**.

A 20% lighter version of the original color is **77.1505, 74.5953, 101.5988**, and **19.2116, 17.6345, 27.2022** is the 20% darker color. If you saturate the color by 10%, you get **36.7609, 32.3192, 55.3403**, and if you desaturate by 10%, it is **47.3013, 47.9114, 57.7943**.

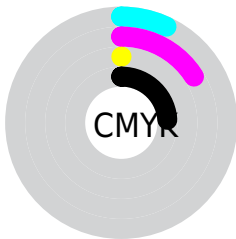
Distribution



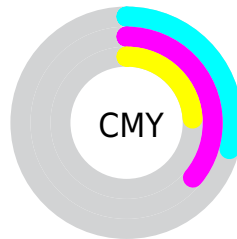
- Red (71%)
- Green (64%)
- Blue (76%)



- Red (71%)
- Yellow (64%)
- Blue (76%)



- Cyan (7%)
- Magenta (16%)
- Yellow (0%)
- Black (24%)



- Cyan (29%)
- Magenta (36%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7140, 39.5595, 56.4761 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 41.7140, 39.5595, 56.4761 by changing the saturation by 10% instead.

■ 41.7140, 39.5595,
56.4761

■ 41.7140, 39.5595,
56.4761

344.3078,
344.2634, 428.9219

■ 29.0675, 27.1953,
40.1782

■ 77.0345, 74.4923,
101.1931

■ 19.2765, 17.7199,
27.3627

■ 100.4392, 97.8296,
130.4492

■ 11.9754, 10.7491,
17.6110

128.1607,
125.5934, 164.8619

■ 6.7990, 5.8984,
10.5045

160.5644,
158.1681, 204.8497

■ 3.3819, 2.7834,
5.6248

198.0156,
195.9380, 250.8310

■ 1.3588, 1.0197,
2.5532

240.8797,

■ 0.2266, 0.0000,

239.2876, 303.2244

0.8682

289.5220,
288.6013, 362.4486

■ 0.0000, 0.0000,
0.0000

■ 41.7140, 39.5595,
56.4761

■ 41.7140, 39.5595,
56.4761

■ 36.7609, 32.3192,
55.3403

■ 47.3013, 47.9114,
57.7943

■ 32.4126, 26.1366,
54.3761

■ 53.5433, 57.4159,
59.2999

■ 28.6425, 20.9603,
53.5756

■ 60.4642, 68.1179,
61.0008

■ 25.4206, 16.7329,
52.9295

■ 68.0856, 80.0585,
62.9039

■ 22.7138, 13.3909,
52.4271

■ 75.1373, 90.6949,
64.5852

■ 20.4848, 10.8628,
52.0566

■ 77.5854, 91.9569,
64.6998

■ 18.6906, 9.0655,
51.8042

■ 80.1476, 93.2778,
64.8197

■ 17.2756, 7.8906,
51.6520

■ 82.8253, 94.6582,
64.9450

■ 16.8320, 7.5523,
51.6101

■ 85.6200, 96.0989,
65.0758

Harmonies

Analogous

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



38.9235, 39.5595, 61.4707



41.7140, 39.5595, 56.4761



43.4521, 39.5595, 48.1485

Triad

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



41.7140, 39.5595, 56.4761



39.3327, 39.5595, 29.0049



32.2022, 39.5595, 46.9295

Complementary

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



41.7140, 39.5595, 56.4761



43.4940, 50.3072, 41.6023

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.



32.2986, 39.5595, 38.3684



41.7140, 39.5595, 56.4761



36.3071, 39.5595, 28.7705

Square

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



41.7140, 39.5595, 56.4761



42.0274, 39.5595, 32.6692



33.7660, 39.5595, 31.9793



33.4952, 39.5595, 55.4811

Rectangle

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



41.7140, 39.5595, 56.4761



43.7254, 39.5595, 42.2142



33.7660, 39.5595, 31.9793



32.0754, 39.5595, 43.9445

Sweetspot

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



41.7152, 39.5612, 56.4770



87.2228, 89.1082, 105.0723



40.0344, 42.3679, 57.1073



18.9308, 19.2566, 22.9691



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.



41.7152, 39.5612, 56.4770



72.0115, 66.4244, 101.4956



44.6103, 41.0880, 55.0630



10.0887, 10.0369, 12.6904



11.1613, 5.0143, 33.9362



0.5587, 0.2561, 1.4699

Inverse Universe

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



42.9077, 40.4069, 46.0972



74.6675, 68.3012, 78.6881



40.9547, 48.9705, 42.7340



10.2390, 10.1442, 11.3491



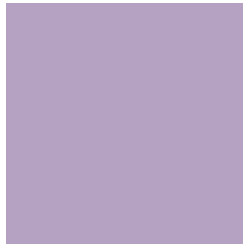
15.5894, 7.9255, 5.7500



0.7077, 0.3561, 0.4282

Previews

White Background



This preview shows how the XYZ color 41.7140, 39.5595, 56.4761 looks on a white background.

Color Contrast Check

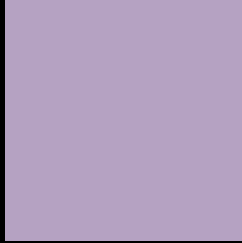
Large Text (above 18pt) WCAG AA × Fail

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 41.7140, 39.5595, 56.4761 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

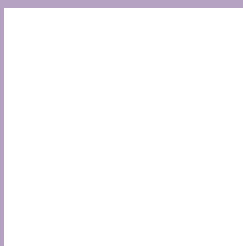
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.7140, 39.5595, 56.4761

Background



This preview shows how black text looks on a background with the XYZ color 41.7140, 39.5595, 56.4761.



This preview shows how white text looks on a background with the XYZ color 41.7140, 39.5595,

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

41.7140, 39.5595, 56.4761

Protanopia

39.1160, 39.5012, 58.9889

Deuteranopia

40.5363, 39.7592, 55.9899



Tritanopia

39.8511, 39.5896, 47.6607

Trichromacy



Original Color

41.7140, 39.5595, 56.4761

Protanomaly

40.1107, 39.4875, 58.3311

Deuteranomaly

41.0326, 39.7483, 55.9616

Tritanomaly

40.5176, 39.5953, 50.8546

Monochromacy



Original Color

41.7140, 39.5595, 56.4761

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.8185, 40.3739, 48.3421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7140, 39.5595, 56.4761 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, 162, 194)` looks like.

```
.text, #text, p{  
    color:rgb(181, 162, 194)  
}
```

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, 162, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 162, 194) }
```

Border

The CSS property to change the border of an element to XYZ 41.7140, 39.5595, 56.4761 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, 162, 194) }
```


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

```
.border{ border-color:rgb(181, 162, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 162, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 162, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 162, 194);  
box-shadow:4px 4px 4px 4px rgb(181, 162,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7140, 39.5595, 56.4761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 162, 194) }
```

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

```
.background{ background-color: rgb(181,  
162, 194) }
```

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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