

Converting Colors

XYZ(41.8286, 39.6035, 57.0660)

Have a look what the booklet for
XYZ(41.8286, 39.6035, 57.0660)
contains.

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Color

**XYZ(41.8267, 39.6045,
57.0697)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A2C3
RGB	181, 162, 195
RGB Percent	71%, 64%, 76%
CMY	0.2902, 0.3647, 0.2353
CMYK	0.07, 0.17, 0.00, 0.24
HSL	275°, 22%, 70%
HSV	275°, 17%, 76%
XYZ	41.8267, 39.6045, 57.0697
YIQ	171.4430, 0.7310, 14.2910

Conversions

Conversions Part 2

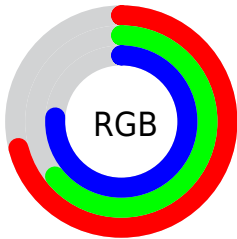
Format	Color
R_{YB}	181, 162, 195
Decimal	11903683
CIE _{Lab}	69.19, 13.13, -14.38
CIE _{LCh}	69, 19.472, 312.394
Yxy	39.6045, 0.3020, 0.2860
Android (android.graphics.Color)	4290093763 (0xFFB5A2C3)
YUV	171.4430, 11.6136, 8.3815
Hunter-Lab	62.9321, 8.5056, -9.7144

Details

The XYZ color **41.8267, 39.6045, 57.0697** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.9425, 50.8700, 41.6871**, and the grayscale version is **38.8756, 40.9001, 44.5402**.

A 20% lighter version of the original color is **77.3086, 74.6585, 102.4314**, and **19.2857, 17.6641, 27.5924** is the 20% darker color. If you saturate the color by 10%, you get **36.7722, 32.2898, 55.9248**, and if you desaturate by 10%, it is **47.5315, 48.0473, 58.3993**.

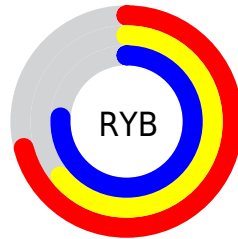
Distribution



Red (71%)

Green (64%)

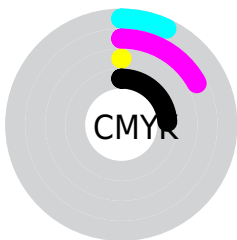
Blue (76%)



Red (71%)

Yellow (64%)

Blue (76%)

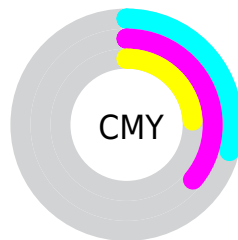


Cyan (7%)

Magenta (17%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8267, 39.6045, 57.0697 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 41.8267, 39.6045, 57.0697 by changing the saturation by 10% instead.

■ 41.8267, 39.6045,
57.0697

■ 41.8267, 39.6045,
57.0697

344.7679,
344.4538, 431.2115

■ 29.1561, 27.2303,
40.6515

■ 77.2041, 74.5609,
102.0682

■ 19.3438, 17.7463,
27.7292

■ 100.6416, 97.9119,
131.4856

■ 12.0245, 10.7680,
17.8844

128.3988,
125.6906, 166.0731

■ 6.8327, 5.9110,
10.6984

160.8411,
158.2814, 206.2493

■ 3.4031, 2.7911,
5.7528

198.3338,
196.0687, 252.4327

■ 1.3703, 1.0236,
2.6290

241.2423,

■ 0.2349, 0.0000,

239.4370, 305.0418

0.9074

289.9318,
288.7705, 364.4952

■ 0.0000, 0.0000,
0.0000

■ 41.8267, 39.6045,
57.0697

■ 41.8267, 39.6045,
57.0697

■ 36.7722, 32.2898,
55.9248

■ 47.5315, 48.0473,
58.3993

■ 32.3378, 26.0481,
54.9538

■ 53.9078, 57.6598,
59.9186

■ 28.4965, 20.8273,
54.1485

■ 60.9802, 68.4879,
61.6359

■ 25.2173, 16.5688,
53.4994

■ 68.7709, 80.5733,
63.5580

■ 22.4663, 13.2079,
52.9956

■ 75.8473, 91.0479,
65.2068

■ 20.2053, 10.6715,
52.6252

■ 78.4496, 92.3894,
65.3286

■ 18.3901, 8.8747,
52.3741

■ 81.1779, 93.7959,
65.4563

■ 16.9617, 7.7029,
52.2232

■ 84.0342, 95.2683,
65.5899

■ 16.5669, 7.4026,
52.1861

■ 86.8504, 96.7202,
65.7217

Harmonies

Analogous

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



38.9430, 39.6045, 62.1366



41.8267, 39.6045, 57.0697



43.6444, 39.6045, 48.5210

Triad

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



41.8267, 39.6045, 57.0697



39.4835, 39.6045, 28.7536



32.0915, 39.6045, 46.9096

Complementary

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



41.8267, 39.6045, 57.0697



43.9425, 50.8700, 41.6871

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.



32.2184, 39.6045, 38.1402



41.8267, 39.6045, 57.0697



36.3721, 39.6045, 28.4467

Square

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



41.8267, 39.6045, 57.0697



42.2411, 39.6045, 32.5617



33.7478, 39.6045, 31.6558



33.3911, 39.6045, 55.7507

Rectangle

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



41.8267, 39.6045, 57.0697



43.9490, 39.6045, 42.4100



33.7478, 39.6045, 31.6558



31.9709, 39.6045, 43.8430

Sweetspot

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



41.8279, 39.6062, 57.0706



87.1426, 89.0669, 105.0685



40.3363, 42.7915, 57.7640



18.9109, 19.2463, 22.9682



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.



41.8279, 39.6062, 57.0706



71.7176, 66.2729, 101.4818



45.0304, 41.2857, 55.9315



10.0711, 10.0278, 12.6896



10.8652, 4.8616, 33.9223



0.5469, 0.2500, 1.4693

Inverse Universe

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



43.2638, 40.5790, 46.6283



74.7899, 68.3501, 79.3327



41.1357, 49.4002, 42.5856



10.2466, 10.1472, 11.3889



15.6757, 7.9600, 6.2044



0.7117, 0.3577, 0.4493

Previews

White Background



This preview shows how the XYZ color 41.8267, 39.6045, 57.0697 looks on a white background.

Color Contrast Check

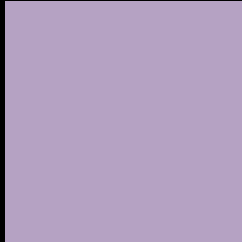
Large Text (above 18pt) WCAG AA × Fail

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 41.8267, 39.6045, 57.0697 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

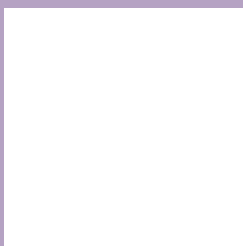
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.8267, 39.6045, 57.0697

Background



This preview shows how black text looks on a background with the XYZ color 41.8267, 39.6045, 57.0697.



This preview shows how white text looks on a background with the XYZ color 41.8267, 39.6045,

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

41.8267, 39.6045, 57.0697

Protanopia

39.4157, 39.9153, 59.6598

Deuteranopia

40.4263, 39.6895, 56.5691



Tritanopia

39.8511, 39.5896, 47.6607

Trichromacy



Original Color

41.8267, 39.6045, 57.0697

Protanomaly

40.4068, 39.8957, 58.9971

Deuteranomaly

40.9176, 39.6761, 56.5406

Tritanomaly

40.5176, 39.5953, 50.8546

Monochromacy



Original Color

41.8267, 39.6045, 57.0697

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.9200, 40.4145, 48.8768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8267, 39.6045, 57.0697 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(181, 162, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 162, 195) }
```

Border

The CSS property to change the border of an element to XYZ 41.8267, 39.6045, 57.0697 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, 195) }
```


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

```
.border{ border-color:rgb(181, 162, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 162, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 162, 195);  
box-shadow:4px 4px 4px 4px rgb(181, 162,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8267, 39.6045, 57.0697 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, 195) }
```

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

```
.background{ background-color: rgb(181,  
162, 195) }
```

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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