

Converting Colors

XYZ(41.5930, 39.4841, 57.0588)

Have a look what the booklet for
XYZ(41.5930, 39.4841, 57.0588)
contains.

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Color

**XYZ(41.5930, 39.4841,
57.0588)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B4A2C3 |
| RGB | 180, 162, 195 |
| RGB Percent | 71%, 64%, 76% |
| CMY | 0.2941, 0.3647, 0.2353 |
| CMYK | 0.08, 0.17, 0.00, 0.24 |
| HSL | 273°, 22%, 70% |
| HSV | 273°, 17%, 76% |
| XYZ | 41.5930, 39.4841, 57.0588 |
| YIQ | 171.1440, 0.1350, 14.0790 |

Conversions

Conversions Part 2

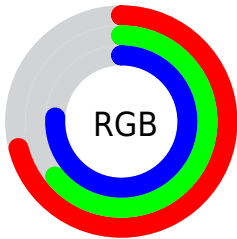
| Format | Color |
|-------------------------------------|---|
| RYB | 180, 162, 195 |
| Decimal | 11838147 |
| CIELab | 69.10, 12.79, -14.52 |
| CIELCh | 69, 19.350, 311.380 |
| Yxy | 39.4841, 0.3011, 0.2858 |
| Android (android.graphics.Color) | 4290028227 (0xFFB4A2C3) |
| YUV | 171.1440, 11.7610, 7.7667 |
| Hunter-Lab | 62.8364, 8.1900, -9.8530 |

Details

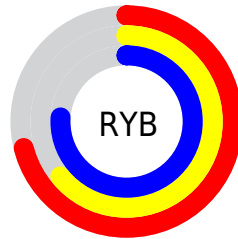
The XYZ color **41.5930, 39.4841, 57.0588** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.1697, 50.9871, 41.6979**, and the grayscale version is **38.7247, 40.7414, 44.3674**.

A 20% lighter version of the original color is **76.9756, 74.4869, 102.4158**, and **19.1360, 17.5870, 27.5853** is the 20% darker color. If you saturate the color by 10%, you get **36.4230, 32.1098, 55.9085**, and if you desaturate by 10%, it is **47.4300, 47.9950, 58.3945**.

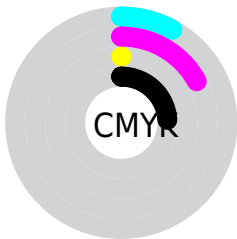
Distribution



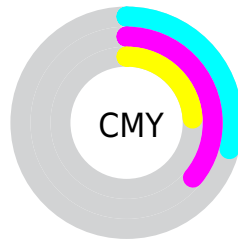
- Red (71%)
- Green (64%)
- Blue (76%)



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



- Cyan (8%)
- Magenta (17%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5930, 39.4841, 57.0588 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 41.5930, 39.4841, 57.0588 by changing the saturation by 10% instead.

■ 41.5930, 39.4841,
57.0588

■ 41.5930, 39.4841,
57.0588

343.8134,
343.9443, 431.1695

■ 28.9724, 27.1365,
40.6428

■ 76.8523, 74.3773,
102.0522

■ 19.2042, 17.6758,
27.7225

■ 100.2218, 97.6917,
131.4666

■ 11.9228, 10.7175,
17.8793

127.9049,
125.4305, 166.0509

■ 6.7629, 5.8772,
10.6948

160.2671,
157.9781, 206.2236

■ 3.3593, 2.7705,
5.7505

197.6737,
195.7189, 252.4033

■ 1.3465, 1.0131,
2.6276

240.4900,

■ 0.2176, 0.0000,

239.0372, 305.0085

0.9067

289.0815,
288.3176, 364.4577

■ 0.0000, 0.0000,
0.0000

■ 41.5930, 39.4841,
57.0588

■ 41.5930, 39.4841,
57.0588

■ 36.4230, 32.1098,
55.9085

■ 47.4300, 47.9950,
58.3945

■ 31.8896, 25.8170,
54.9328

■ 53.9557, 57.6847,
59.9209

■ 27.9650, 20.5533,
54.1237

■ 61.1953, 68.5989,
61.6460

■ 24.6178, 16.2598,
53.4713

■ 69.1712, 80.7798,
63.5767

■ 21.8137, 12.8714,
52.9651

■ 76.4513, 91.3592,
65.2351

■ 19.5138, 10.3150,
52.5929

■ 79.2761, 92.8155,
65.3673

■ 17.6734, 8.5052,
52.3406

■ 82.2464, 94.3467,
65.5063

■ 16.2328, 7.3272,
52.1891

■ 85.3641, 95.9540,
65.6522

■ 15.8368, 7.0263,
52.1519

■ 86.8504, 96.7202,
65.7218

Harmonies

Analogous

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



38.7126, 39.4841, 61.9150



41.5930, 39.4841, 57.0588



43.4427, 39.4841, 48.6543

Triad

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



41.5930, 39.4841, 57.0588



39.4569, 39.4841, 28.8032



32.0020, 39.4841, 46.4357

Complementary

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



41.5930, 39.4841, 57.0588



44.1697, 50.9871, 41.6979

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.



32.1769, 39.4841, 37.7861



41.5930, 39.4841, 57.0588



36.3687, 39.4841, 28.3796

Square

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



41.5930, 39.4841, 57.0588



42.1635, 39.4841, 32.6993



33.7377, 39.4841, 31.4500



33.2461, 39.4841, 55.2441

Rectangle

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



41.5930, 39.4841, 57.0588



43.7845, 39.4841, 42.5832



33.7377, 39.4841, 31.4500



31.8987, 39.4841, 43.4024

Sweetspot

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



41.5942, 39.4858, 57.0597



87.0077, 88.9973, 105.0622



40.5534, 43.2256, 57.8364



18.8773, 19.2290, 22.9666



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.



41.5942, 39.4858, 57.0597



71.2255, 66.0192, 101.4588



45.1535, 41.3350, 56.5794



10.0415, 10.0125, 12.6882



10.3909, 4.6171, 33.9001



0.5276, 0.2400, 1.4684

Inverse Universe

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



43.3632, 40.6189, 47.1518



74.9978, 68.4333, 80.4273



41.0367, 49.3606, 42.0639



10.2593, 10.1523, 11.4561



15.8311, 8.0222, 7.0224



0.7187, 0.3605, 0.4862

Previews

White Background



This preview shows how the XYZ color 41.5930, 39.4841, 57.0588 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 41.5930, 39.4841, 57.0588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

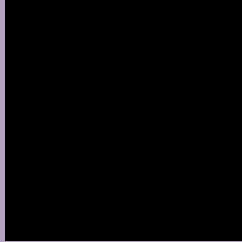
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5930, 39.4841, 57.0588

Background



This preview shows how black text looks on a background with the XYZ color 41.5930, 39.4841, 57.0588.



This preview shows how white text looks on a background with the XYZ color 41.5930, 39.4841,

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

41.5930, 39.4841, 57.0588

Protanopia

39.2318, 39.5475, 59.5985

Deuteranopia

40.5390, 39.7346, 57.1627



Tritanopia

39.6225, 39.4717, 47.6500

Trichromacy



Original Color

41.5930, 39.4841, 57.0588

Protanomaly

40.0104, 39.4225, 58.9266

Deuteranomaly

41.0303, 39.7212, 57.1342

Tritanomaly

40.2873, 39.4766, 50.8438

Monochromacy



Original Color

41.5930, 39.4841, 57.0588

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.6964, 40.2992, 48.8663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5930, 39.4841, 57.0588 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(180, 162, 195)` looks like.

```
.text, #text, p{  
    color:rgb(180, 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(180, 162, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 162, 195) }
```

Border

The CSS property to change the border of an element to XYZ 41.5930, 39.4841, 57.0588 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(180, 162, 195) }
```


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

```
.border{ border-color:rgb(180, 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(180, 162, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 162, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 162, 195);  
box-shadow:4px 4px 4px 4px rgb(180, 162,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5930, 39.4841, 57.0588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 162, 195) }
```

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

```
.background{ background-color: rgb(180,  
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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