

Converting Colors

XYZ(42.8096, 39.7634, 57.8063)

Have a look what the booklet for
XYZ(42.8096, 39.7634, 57.8063)
contains.

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Color

**XYZ(42.7163, 39.7895,
57.6533)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A1C4
RGB	185, 161, 196
RGB Percent	73%, 63%, 77%
CMY	0.2745, 0.3686, 0.2314
CMYK	0.06, 0.18, 0.00, 0.23
HSL	281°, 23%, 70%
HSV	281°, 18%, 77%
XYZ	42.7163, 39.7895, 57.6533
YIQ	172.1660, 3.0690, 15.9730

Conversions

Conversions Part 2

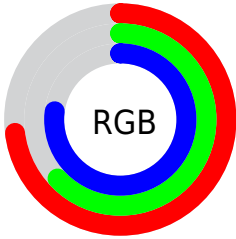
Format	Color
R _Y B	185, 161, 196
Decimal	12165572
CIE Lab	69.32, 15.24, -14.70
CIE LCh	69, 21.171, 316.024
Yxy	39.7895, 0.3048, 0.2839
Android (android.graphics.Color)	4290355652 (0xFFB9A1C4)
YUV	172.1660, 11.7502, 11.2554
Hunter-Lab	63.0789, 10.4900, -10.0350

Details

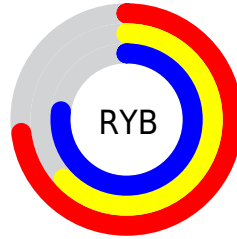
The XYZ color **42.7163, 39.7895, 57.6533** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.1875, 50.8247, 41.2539**, and the grayscale version is **39.2390, 41.2825, 44.9566**.

A 20% lighter version of the original color is **78.5611, 74.9044, 103.2459**, and **19.8668, 17.7958, 27.9790** is the 20% darker color. If you saturate the color by 10%, you get **38.1023, 32.7195, 56.5324**, and if you desaturate by 10%, it is **47.9340, 47.9699, 58.9579**.

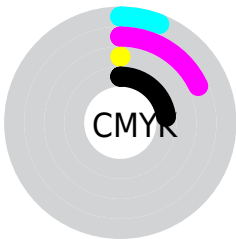
Distribution



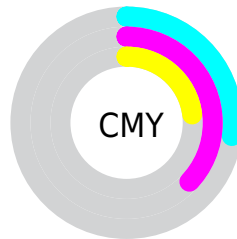
- Red (73%)
- Green (63%)
- Blue (77%)



- Red (73%)
- Yellow (63%)
- Blue (77%)



- Cyan (6%)
- Magenta (18%)
- Yellow (0%)
- Black (23%)



- Cyan (27%)
- Magenta (37%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7163, 39.7895, 57.6533 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 42.7163, 39.7895, 57.6533 by changing the saturation by 10% instead.

■ 42.7163, 39.7895,
57.6533

■ 42.7163, 39.7895,
57.6533

348.3851,
345.2355, 433.4549

■ 29.8561, 27.3745,
41.1171

■ 78.5410, 74.8429,
102.9276

■ 19.8769, 17.8547,
28.0902

■ 102.2362, 98.2500,
132.5028

■ 12.4134, 10.8457,
18.1541

130.2738,
126.0899, 167.2614

■ 7.1001, 5.9632,
10.8901

163.0191,
158.7470, 207.6220

■ 3.5716, 2.8227,
5.8797

200.8376,
196.6058, 254.0031

■ 1.4628, 1.0399,
2.7045

244.0945,

■ 0.3003, 0.0000,

240.0505, 306.8233

0.9457

293.1552,
289.4656, 366.5011

■ 0.0000, 0.0000,
0.0000

■ 42.7163, 39.7895,
57.6533

■ 42.7163, 39.7895,
57.6533

■ 38.1023, 32.7195,
56.5324

■ 47.9340, 47.9699,
58.9579

■ 34.0627, 26.7045,
55.5843

■ 53.7759, 57.3026,
60.4514

■ 30.5708, 21.6919,
54.8008

■ 60.2659, 67.8336,
62.1420

■ 27.5965, 17.6225,
54.1721

■ 67.4255, 79.6048,
64.0367

■ 25.1064, 14.4308,
53.6873

■ 73.9844, 90.0744,
65.7119

■ 23.0628, 12.0426,
53.3341

■ 75.8366, 91.0292,
65.7985

■ 21.4215, 10.3711,
53.0979

■ 77.7577, 92.0196,
65.8884

■ 20.1177, 9.2877,
52.9576

■ 79.7484, 93.0458,
65.9816

■ 19.8594, 9.0869,
52.9324

■ 81.8095, 94.1084,
66.0781

Harmonies

Analogous

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



39.6505, 39.7895, 63.9041



42.7163, 39.7895, 57.6533



44.5174, 39.7895, 48.0004

Triad

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



42.7163, 39.7895, 57.6533



39.4182, 39.7895, 27.5894



31.8821, 39.7895, 48.6953

Complementary

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



42.7163, 39.7895, 57.6533



43.1875, 50.8247, 41.2539

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.



31.8282, 39.7895, 38.9616



42.7163, 39.7895, 57.6533



36.0443, 39.7895, 27.7177

Square

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



42.7163, 39.7895, 57.6533



42.5375, 39.7895, 31.2091



33.3106, 39.7895, 31.5905



33.4625, 39.7895, 58.2272

Rectangle

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



42.7163, 39.7895, 57.6533



44.6930, 39.7895, 41.3905



33.3106, 39.7895, 31.5905



31.6882, 39.7895, 45.3169

Sweetspot

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



42.7175, 39.7912, 57.6542



89.6577, 91.3811, 107.5206



39.4316, 41.1010, 58.0802



19.0333, 19.3094, 22.9739



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.



42.7175, 39.7912, 57.6542



74.3587, 67.4100, 103.7000



44.7597, 40.9266, 54.0182



10.1794, 10.0836, 12.6947



12.8525, 5.8861, 34.0153



0.6238, 0.2897, 1.4729

Inverse Universe

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



42.9575, 40.2057, 44.5276



74.9233, 68.3200, 75.7602



41.4528, 49.8634, 44.2029



10.2007, 10.1289, 11.1474



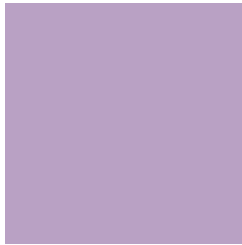
15.2139, 7.7753, 3.7723



0.6891, 0.3487, 0.3302

Previews

White Background



This preview shows how the XYZ color 42.7163, 39.7895, 57.6533 looks on a white background.

Color Contrast Check

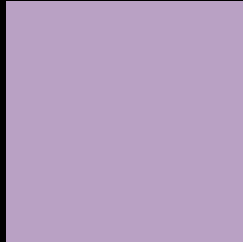
Large Text (above 18pt) WCAG AA × Fail

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 42.7163, 39.7895, 57.6533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

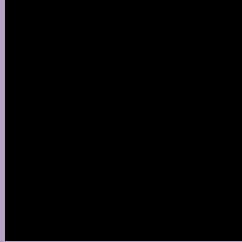
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7163, 39.7895, 57.6533

Background



This preview shows how black text looks on a background with the XYZ color 42.7163, 39.7895, 57.6533.



This preview shows how white text looks on a background with the XYZ color 42.7163, 39.7895,

57.6533.

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

42.7163, 39.7895, 57.6533

Protanopia

39.6495, 40.0088, 60.8911

Deuteranopia

40.7610, 39.8491, 57.1731



Tritanopia

40.5027, 39.6703, 47.1174

Trichromacy



Original Color

42.7163, 39.7895, 57.6533

Protanomaly

40.5585, 39.6917, 59.5564

Deuteranomaly

41.4859, 39.9560, 57.1555

Tritanomaly

41.2774, 39.7224, 50.8390

Monochromacy



Original Color

42.7163, 39.7895, 57.6533

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.4746, 40.6886, 49.4365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7163, 39.7895, 57.6533 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(185, 161, 196)` looks like.

```
.text, #text, p{  
    color:rgb(185, 161, 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(185, 161, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 161, 196) }
```

Border

The CSS property to change the border of an element to XYZ 42.7163, 39.7895, 57.6533 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(185, 161, 196) }
```


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

```
.border{ border-color:rgb(185, 161, 196) }
```

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

Here you see how a box with a 4 pixel rgb(185, 161, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 161, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 161, 196);  
box-shadow:4px 4px 4px 4px rgb(185, 161,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7163, 39.7895, 57.6533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 161, 196) }
```

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

```
.background{ background-color: rgb(185,  
161, 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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