

Converting Colors

XYZ(41.9192, 44.1058, 57.9336)

Have a look what the booklet for
XYZ(41.9192, 44.1058, 57.9336)
contains.

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Color

**XYZ(41.9192, 44.1058,
57.9336)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B2C3
RGB	168, 178, 195
RGB Percent	66%, 70%, 76%
CMY	0.3412, 0.3019, 0.2353
CMYK	0.14, 0.09, 0.00, 0.24
HSL	218°, 18%, 71%
HSV	218°, 14%, 76%
XYZ	41.9192, 44.1058, 57.9336
YIQ	176.9480, -11.4170, 3.1670

Conversions

Conversions Part 2

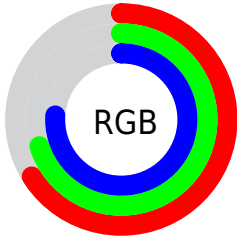
Format	Color
RYB	168, 175, 195
Decimal	11055811
CIELab	72.30, -0.01, -9.82
CIELCh	72, 9.824, 269.964
Yxy	44.1058, 0.2912, 0.3064
Android (android.graphics.Color)	4289245891 (0xFFA8B2C3)
YUV	176.9480, 8.8996, -7.8474
Hunter-Lab	66.4122, -3.5526, -5.2321

Details

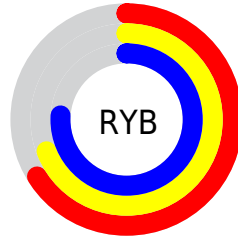
The XYZ color **41.9192, 44.1058, 57.9336** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.9228, 49.1269, 44.0561**, and the grayscale version is **41.7228, 43.8957, 47.8024**.

A 20% lighter version of the original color is **77.4249, 81.5619, 103.7577**, and **19.3438, 20.3033, 28.0987** is the 20% darker color. If you saturate the color by 10%, you get **35.7410, 37.4566, 56.9765**, and if you desaturate by 10%, it is **48.9412, 51.5168, 58.9947**.

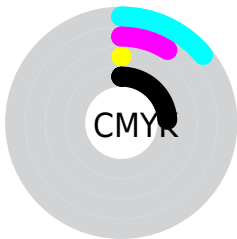
Distribution



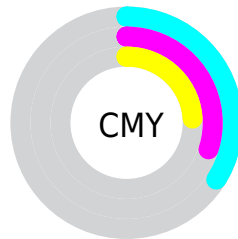
- Red (66%)
- Green (70%)
- Blue (76%)



- Red (66%)
- Yellow (69%)
- Blue (76%)



- Cyan (14%)
- Magenta (9%)
- Yellow (0%)
- Black (24%)



- Cyan (34%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9192, 44.1058, 57.9336 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 41.9192, 44.1058, 57.9336 by changing the saturation by 10% instead.

■ 41.9192, 44.1058,
57.9336

■ 41.9192, 44.1058,
57.9336

345.1452,
363.1398, 434.5298

■ 29.2289, 30.7537,
41.3409

■ 77.3433, 81.3769,
103.3400

■ 19.3992, 20.4114,
28.2639

■ 100.8077,
106.0647, 132.9908

■ 12.0648, 12.6944,
18.2839

128.5942,
135.2999, 167.8313

■ 6.8603, 7.2185,
10.9824

161.0681,
169.4668, 208.2802

■ 3.4205, 3.5991,
5.9410

198.5948,
208.9499, 254.7560

■ 1.3798, 1.4519,
2.7410

241.5397,

■ 0.2418, 0.2545,

254.1335, 307.6771

0.9640

290.2680,
305.4020, 367.4622

■ 0.0000, 0.0000,
0.0000

■ 41.9192, 44.1058,
57.9336

■ 41.9192, 44.1058,
57.9336

■ 35.7410, 37.4566,
56.9765

■ 48.9412, 51.5168,
58.9947

■ 30.3693, 31.5381,
56.1172

■ 56.8344, 59.7084,
60.1598

■ 25.7698, 26.3250,
55.3534

■ 65.6300, 68.7057,
61.4329

■ 21.9041, 21.7881,
54.6815

■ 75.3560, 78.5309,
62.8167

■ 18.7301, 17.8961,
54.0975

■ 82.0696, 87.1585,
64.1281

■ 16.2011, 14.6148,
53.5975

■ 85.7943, 94.6079,
65.3697

■ 14.2641, 11.9060,
53.1767

■ 86.8505, 96.7202,
65.7218

■ 12.8558, 9.7258,
52.8301

■ 12.1834, 8.6061,
52.6494

Harmonies

Analogous

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



40.3172, 44.1058, 56.5303



41.9192, 44.1058, 57.9336



43.5636, 44.1058, 56.5368

Triad

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



41.9192, 44.1058, 57.9336



44.7970, 44.1058, 43.5283



39.1733, 44.1058, 43.5188

Complementary

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



41.9192, 44.1058, 57.9336



46.9228, 49.1269, 44.0561

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.



40.3207, 44.1058, 40.4112



41.9192, 44.1058, 57.9336



43.5672, 44.1058, 40.4164

Square

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



41.9192, 44.1058, 57.9336



45.2520, 44.1058, 48.0296



41.9233, 44.1058, 39.3137



38.7581, 44.1058, 48.0179

Rectangle

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



41.9192, 44.1058, 57.9336



44.4561, 44.1058, 54.2559



41.9233, 44.1058, 39.3137



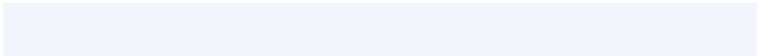
39.4846, 44.1058, 42.2880

Sweetspot

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



41.9205, 44.1076, 57.9346



87.3650, 91.9645, 105.6161



44.3844, 50.8438, 53.1808



18.9096, 19.9063, 23.0956



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.



41.9205, 44.1076, 57.9346



71.1301, 74.7746, 103.1538



40.6811, 40.6211, 57.3269



9.8271, 10.3455, 12.7638



7.9927, 5.7420, 34.2437



0.4115, 0.3805, 1.5016

Inverse Universe

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



44.5452, 42.8227, 48.0395



76.8893, 72.1026, 81.4085



48.2840, 53.0450, 44.7406



10.2240, 10.1382, 11.2703



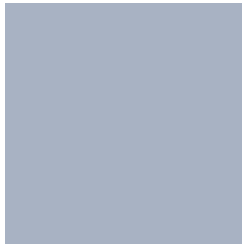
15.4303, 7.8619, 4.9122



0.7001, 0.3531, 0.3881

Previews

White Background



This preview shows how the XYZ color 41.9192, 44.1058, 57.9336 looks on a white background.

Color Contrast Check

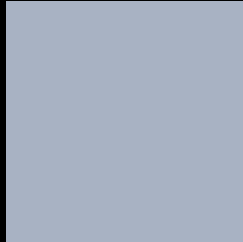
Large Text (above 18pt) WCAG AA × Fail

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 41.9192, 44.1058, 57.9336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

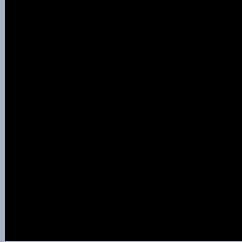
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

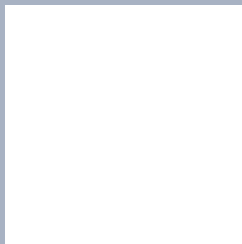
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.9192, 44.1058, 57.9336

Background



This preview shows how black text looks on a background with the XYZ color 41.9192, 44.1058, 57.9336.



This preview shows how white text looks on a background with the XYZ color 41.9192, 44.1058,

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

41.9192, 44.1058, 57.9336

Protanopia

42.9421, 44.0597, 57.2800

Deuteranopia

44.7239, 43.8049, 58.3225



Tritanopia

41.6945, 44.0159, 56.7505

Trichromacy



Original Color

41.9192, 44.1058, 57.9336

Protanomaly

42.4730, 44.1100, 57.3144

Deuteranomaly

43.6903, 43.8413, 58.3841

Tritanomaly

41.8064, 44.0607, 57.3401

Monochromacy



Original Color

41.9192, 44.1058, 57.9336

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.8294, 43.9036, 51.6170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9192, 44.1058, 57.9336 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(168, 178, 195) looks like.

```
.text, #text, p{  
    color:rgb(168, 178, 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(168, 178, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 178, 195) }
```

Border

The CSS property to change the border of an element to XYZ 41.9192, 44.1058, 57.9336 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(168, 178, 195) }
```


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

```
.border{ border-color:rgb(168, 178, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 178, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 178, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 178, 195);  
box-shadow:4px 4px 4px 4px rgb(168, 178,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9192, 44.1058, 57.9336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 178, 195) }
```

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

```
.background{ background-color: rgb(168,  
178, 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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