

Converting Colors

XYZ(41.9723, 44.2363, 57.2475)

Have a look what the booklet for
XYZ(41.9723, 44.2363, 57.2475)
contains.

XYZ(42.0202, 44.1708, 57.3501)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(42.0202, 44.1708,
57.3501)**

Conversions

Conversions Part 1

Format	Color
Hex	A9B2C2
RGB	169, 178, 194
RGB Percent	66%, 70%, 76%
CMY	0.3372, 0.3019, 0.2392
CMYK	0.13, 0.08, 0.00, 0.24
HSL	218°, 17%, 71%
HSV	218°, 13%, 76%
XYZ	42.0202, 44.1708, 57.3501
YIQ	177.1330, -10.5000, 3.0680

Conversions

Conversions Part 2

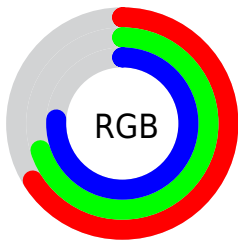
Format	Color
R _Y B	169, 176, 194
Decimal	11121346
CIE Lab	72.34, 0.11, -9.20
CIE LCh	72, 9.204, 270.700
Yxy	44.1708, 0.2927, 0.3077
Android (android.graphics.Color)	4289311426 (0xFFA9B2C2)
YUV	177.1330, 8.3154, -7.1326
Hunter-Lab	66.4611, -3.4499, -4.6393

Details

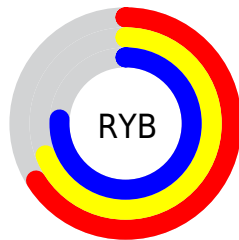
The XYZ color **42.0202, 44.1708, 57.3501** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.7589, 49.0318, 44.5367**, and the grayscale version is **41.8225, 44.0005, 47.9166**.

A 20% lighter version of the original color is **77.4186, 81.5951, 102.1115**, and **19.4034, 20.3426, 27.7148** is the 20% darker color. If you saturate the color by 10%, you get **35.8040, 37.4648, 56.3840**, and if you desaturate by 10%, it is **49.0802, 51.6460, 58.4215**.

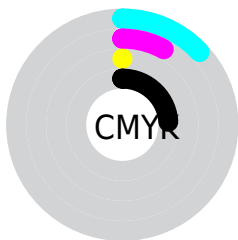
Distribution



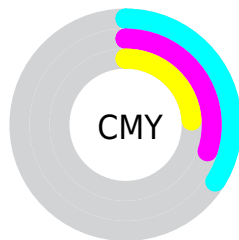
- Red (66%)
- Green (70%)
- Blue (76%)



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



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0202, 44.1708, 57.3501 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 42.0202, 44.1708, 57.3501 by changing the saturation by 10% instead.

■ 42.0202, 44.1708,
57.3501

■ 42.0202, 44.1708,
57.3501

345.5569,
363.4048, 432.2903

■ 29.3083, 30.8048,
40.8752

■ 77.4952, 81.4747,
102.4813

■ 19.4596, 20.4503,
27.9026

■ 100.9889,
106.1814, 131.9745

■ 12.1088, 12.7228,
18.0138

128.8074,
135.4371, 166.6444

■ 6.8906, 7.2379,
10.7904

161.3158,
169.6262, 206.9093

■ 3.4395, 3.6113,
5.8137

198.8796,
209.1332, 253.1878

■ 1.3902, 1.4586,
2.6652

241.8642,

■ 0.2492, 0.2593,

254.3423, 305.8984

0.9258

290.6348,
305.6381, 365.4597

■ 0.0000, 0.0000,
0.0000

■ 42.0202, 44.1708,
57.3501

■ 42.0202, 44.1708,
57.3501

■ 35.8040, 37.4648,
56.3840

■ 49.0802, 51.6460,
58.4215

■ 30.3945, 31.4967,
55.5172

■ 57.0110, 59.9092,
59.5985

■ 25.7579, 26.2409,
54.7471

■ 65.8436, 68.9858,
60.8849

■ 21.8562, 21.6685,
54.0702

■ 75.6059, 78.8979,
62.2836

■ 18.6478, 17.7479,
53.4825

■ 82.1602, 87.5201,
63.6024

■ 16.0869, 14.4449,
52.9800

■ 85.9424, 95.0844,
64.8632

■ 14.1213, 11.7215,
52.5579

■ 86.7377, 96.6751,
65.1283

■ 12.6893, 9.5340,
52.2111

■ 11.9190, 8.2575,
52.0053

Harmonies

Analogous

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



40.5107, 44.1708, 56.1056



42.0202, 44.1708, 57.3501



43.5565, 44.1708, 55.9877

Triad

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



42.0202, 44.1708, 57.3501



44.6555, 44.1708, 43.7791



39.3837, 44.1708, 43.9525

Complementary

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



42.0202, 44.1708, 57.3501



46.7589, 49.0318, 44.5367

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.



40.4479, 44.1708, 40.9803



42.0202, 44.1708, 57.3501



43.4906, 44.1708, 40.8847

Square

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



42.0202, 44.1708, 57.3501



45.1013, 44.1708, 47.9881



41.9459, 44.1708, 39.8925



39.0119, 44.1708, 48.2010

Rectangle

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



42.0202, 44.1708, 57.3501



44.3832, 44.1708, 53.8310



41.9459, 44.1708, 39.8925



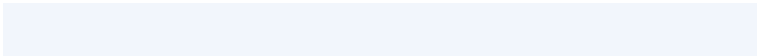
39.6710, 44.1708, 42.7808

Sweetspot

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



42.0215, 44.1726, 57.3511



87.3332, 91.9007, 105.6055



44.3942, 50.5152, 53.2182



18.9014, 19.8898, 23.0929



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.



42.0215, 44.1726, 57.3511



73.3474, 77.0476, 103.4756



41.0130, 41.0804, 56.8074



9.8185, 10.3284, 12.7609



7.9076, 5.5716, 34.2153



0.4073, 0.3721, 1.5002

Inverse Universe

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



44.4731, 43.0607, 48.0890



78.5362, 74.7816, 83.8525



47.8561, 52.4822, 45.1449



10.2197, 10.1365, 11.2475



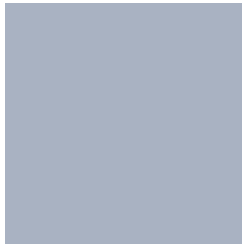
15.3873, 7.8447, 4.6859



0.6980, 0.3522, 0.3770

Previews

White Background



This preview shows how the XYZ color 42.0202, 44.1708, 57.3501 looks on a white background.

Color Contrast Check

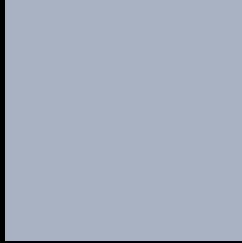
Large Text (above 18pt) WCAG AA × Fail

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 42.0202, 44.1708, 57.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

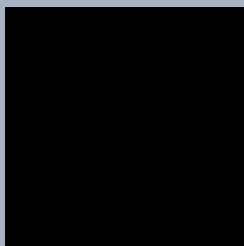
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

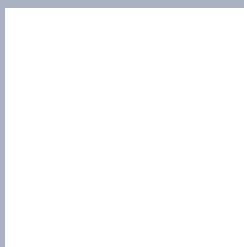
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.0202, 44.1708, 57.3501

Background



This preview shows how black text looks on a background with the XYZ color 42.0202, 44.1708, 57.3501.



This preview shows how white text looks on a background with the XYZ color 42.0202, 44.1708,

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

42.0202, 44.1708, 57.3501

Protanopia

43.0555, 44.1310, 56.7010

Deuteranopia

44.8526, 43.8843, 57.7363



Tritanopia

41.7970, 44.0816, 56.1748

Trichromacy



Original Color

42.0202, 44.1708, 57.3501

Protanomaly

42.5814, 44.1788, 56.7352

Deuteranomaly

43.8088, 43.9155, 57.7973

Tritanomaly

41.9082, 44.1261, 56.7605

Monochromacy



Original Color

42.0202, 44.1708, 57.3501

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.7249, 43.8618, 51.0668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0202, 44.1708, 57.3501 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(169, 178, 194) looks like.

```
.text, #text, p{  
    color:rgb(169, 178, 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(169, 178, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 178, 194) }
```

Border

The CSS property to change the border of an element to XYZ 42.0202, 44.1708, 57.3501 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(169, 178, 194) }
```


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

```
.border{ border-color:rgb(169, 178, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 178, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 178, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 178, 194);  
box-shadow:4px 4px 4px 4px rgb(169, 178,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0202, 44.1708, 57.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 178, 194) }
```

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

```
.background{ background-color: rgb(169,  
178, 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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