

Converting Colors

XYZ(42.0723, 44.3296, 58.7774)

Have a look what the booklet for
XYZ(42.0723, 44.3296, 58.7774)
contains.

XYZ(42.0203, 44.4412, 58.5879)	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(42.0203, 44.4412,
58.5879)**

Conversions

Conversions Part 1

Format	Color
Hex	A7B3C4
RGB	167, 179, 196
RGB Percent	65%, 70%, 77%
CMY	0.3451, 0.2980, 0.2314
CMYK	0.15, 0.09, 0.00, 0.23
HSL	215°, 20%, 71%
HSV	215°, 15%, 77%
XYZ	42.0203, 44.4412, 58.5879
YIQ	177.3500, -12.6090, 2.7430

Conversions

Conversions Part 2

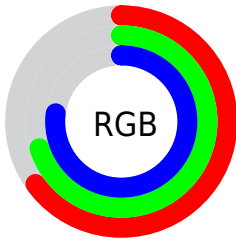
Format	Color
R _Y B	167, 175, 196
Decimal	10990532
CIE Lab	72.52, -0.66, -10.05
CIE LCh	73, 10.069, 266.226
Yxy	44.4412, 0.2897, 0.3064
Android (android.graphics.Color)	4289180612 (0xFFA7B3C4)
YUV	177.3500, 9.1945, -9.0769
Hunter-Lab	66.6642, -4.1489, -5.4421

Details

The XYZ color **42.0203, 44.4412, 58.5879** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.8809, 48.8068, 43.5100**, and the grayscale version is **41.9329, 44.1167, 48.0431**.

A 20% lighter version of the original color is **77.5622, 82.0381, 104.6755**, and **19.4136, 20.5195, 28.5286** is the 20% darker color. If you saturate the color by 10%, you get **35.9821, 38.0526, 57.6737**, and if you desaturate by 10%, it is **48.8805, 51.5408, 59.5974**.

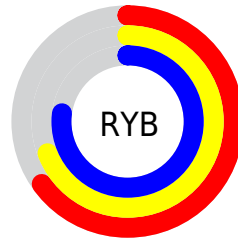
Distribution



Red (65%)

Green (70%)

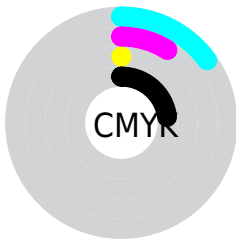
Blue (77%)



Red (65%)

Yellow (69%)

Blue (77%)

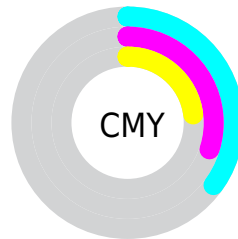


Cyan (15%)

Magenta (9%)

Yellow (0%)

Black (23%)



Cyan (35%)

Magenta (30%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.0203, 44.4412, 58.5879 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 42.0203, 44.4412, 58.5879 by changing the saturation by 10% instead.

■ 42.0203, 44.4412,
58.5879

■ 42.0203, 44.4412,
58.5879

345.5573,
364.5057, 437.0323

■ 29.3084, 31.0175,
41.8636

■ 77.4953, 81.8812,
104.3017

■ 19.4597, 20.6122,
28.6698

■ 100.9891,
106.6664, 134.1283

■ 12.1089, 12.8408,
18.5877

128.8076,
136.0074, 169.1595

■ 6.8906, 7.3190,
11.1990

161.3161,
170.2888, 209.8137

■ 3.4395, 3.6624,
6.0850

198.8799,
209.8950, 256.5096

■ 1.3902, 1.4866,
2.8272

241.8645,

■ 0.2492, 0.2792,

255.2102, 309.6656

1.0071

290.6352,
306.6190, 369.7003

■ 0.0000, 0.0000,
0.0000

■ 42.0203, 44.4412,
58.5879

■ 42.0203, 44.4412,
58.5879

■ 35.9821, 38.0526,
57.6737

■ 48.8805, 51.5408,
59.5974

■ 30.7293, 32.3455,
56.8490

■ 56.5897, 59.3683,
60.7019

■ 26.2279, 27.2965,
56.1117

■ 65.1784, 67.9471,
61.9051

■ 22.4401, 22.8787,
55.4586

■ 74.6744, 77.2978,
63.2095

■ 19.3242, 19.0626,
54.8863

■ 81.3278, 85.4934,
64.4407

■ 16.8339, 15.8164,
54.3909

■ 84.7510, 92.3397,
65.5818

■ 14.9163, 13.1040,
53.9684

■ 86.9639, 96.7656,
66.3194

■ 13.5077, 10.8835,
53.6141

■ 12.9151, 9.8880,
53.4532

Harmonies

Analogous

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



40.4082, 44.4412, 56.7941



42.0203, 44.4412, 58.5879



43.7351, 44.4412, 57.4984

Triad

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



42.0203, 44.4412, 58.5879



45.3113, 44.4412, 44.2790



39.5209, 44.4412, 43.2578

Complementary

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



42.0203, 44.4412, 58.5879



46.8809, 48.8068, 43.5100

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.



40.7795, 44.4412, 40.2963



42.0203, 44.4412, 58.5879



44.1264, 44.4412, 40.8568

Square

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



42.0203, 44.4412, 58.5879



45.6654, 44.4412, 49.0220



42.4605, 44.4412, 39.4481



38.9904, 44.4412, 47.7613

Rectangle

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



42.0203, 44.4412, 58.5879



44.7009, 44.4412, 55.3214



42.4605, 44.4412, 39.4481



39.8712, 44.4412, 42.0612

Sweetspot

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



42.0216, 44.4430, 58.5889



89.5187, 94.3611, 108.1031



44.3202, 51.1534, 52.8402



18.9442, 19.9754, 23.1071



0.0000, 0.0000, 0.0000



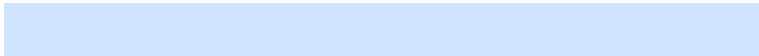
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.0216, 44.4430, 58.5889



72.1427, 76.3297, 105.5385



40.2352, 40.1052, 57.8458



9.8631, 10.4175, 12.7758



8.3790, 6.5145, 34.3724



0.4299, 0.4172, 1.5078

Inverse Universe

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



44.7215, 42.6290, 48.5210



78.0820, 72.5168, 83.3507



48.8571, 53.6850, 44.3474



10.2422, 10.1455, 11.3659



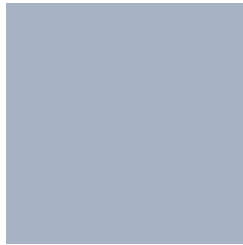
15.6253, 7.9399, 5.9389



0.7094, 0.3568, 0.4370

Previews

White Background



This preview shows how the XYZ color 42.0203, 44.4412, 58.5879 looks on a white background.

Color Contrast Check

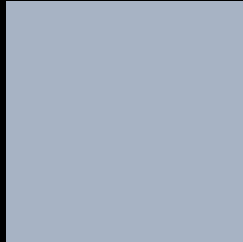
Large Text (above 18pt) WCAG AA × Fail

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 42.0203, 44.4412, 58.5879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

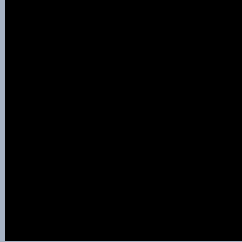
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.0203, 44.4412, 58.5879

Background



This preview shows how black text looks on a background with the XYZ color 42.0203, 44.4412, 58.5879.



This preview shows how white text looks on a background with the XYZ color 42.0203, 44.4412,

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

42.0203, 44.4412, 58.5879

Protanopia

43.1674, 44.1758, 57.2906

Deuteranopia

45.2713, 44.3575, 58.9991



Tritanopia

41.7941, 44.3507, 57.3967

Trichromacy



Original Color

42.0203, 44.4412, 58.5879

Protanomaly

42.8060, 44.2686, 57.9183

Deuteranomaly

43.9984, 44.2749, 59.0503

Tritanomaly

41.9068, 44.3958, 57.9903

Monochromacy



Original Color

42.0203, 44.4412, 58.5879

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.8057, 44.1857, 51.6727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0203, 44.4412, 58.5879 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(167, 179, 196)` looks like.

```
.text, #text, p{  
    color:rgb(167, 179, 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(167, 179, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 179, 196) }
```

Border

The CSS property to change the border of an element to XYZ 42.0203, 44.4412, 58.5879 is called "border". The border property can be set on classes, ids or directly on the HTML element.

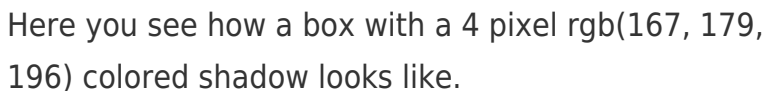
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 179, 196) }
```


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

```
.border{ border-color:rgb(167, 179, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 179, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 179, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 179, 196); box-shadow:4px 4px 4px 4px rgb(167, 179, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0203, 44.4412, 58.5879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 179, 196) }
```

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

```
.background{ background-color: rgb(167,  
179, 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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