

Converting Colors

XYZ(44.2853, 45.7450, 58.9293)

Have a look what the booklet for
XYZ(44.2853, 45.7450, 58.9293)
contains.

XYZ(44.2154, 45.5728, 58.6906)	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(44.2154, 45.5728,
58.6906)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B3C4
RGB	177, 179, 196
RGB Percent	69%, 70%, 77%
CMY	0.3059, 0.2980, 0.2314
CMYK	0.10, 0.09, 0.00, 0.23
HSL	234°, 14%, 73%
HSV	234°, 10%, 77%
XYZ	44.2154, 45.5728, 58.6906
YIQ	180.3400, -6.6490, 4.8630

Conversions

Conversions Part 2

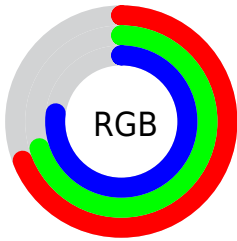
Format	Color
RYB	177, 179, 196
Decimal	11645892
CIELab	73.27, 2.65, -8.86
CIELCh	73, 9.244, 286.633
Yxy	45.5728, 0.2978, 0.3069
Android (android.graphics.Color)	4289835972 (0xFFB1B3C4)
YUV	180.3400, 7.7204, -2.9292
Hunter-Lab	67.5076, -1.2264, -4.2909

Details

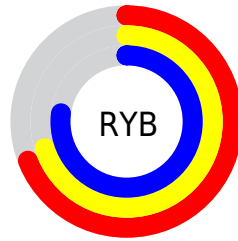
The XYZ color **44.2154, 45.5728, 58.6906** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.9929, 53.4935, 49.2864**, and the grayscale version is **43.5285, 45.7954, 49.8712**.

A 20% lighter version of the original color is **81.0422, 83.8321, 104.8383**, and **20.6555, 21.1598, 28.5868** is the 20% darker color. If you saturate the color by 10%, you get **36.7741, 36.8482, 57.3995**, and if you desaturate by 10%, it is **52.7475, 55.5256, 60.1627**.

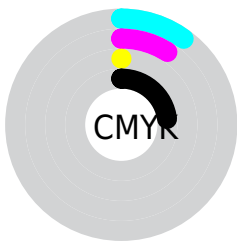
Distribution



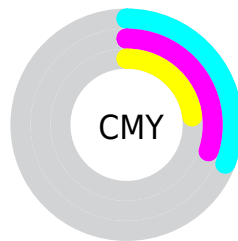
- Red (69%)
- Green (70%)
- Blue (77%)



- Red (69%)
- Yellow (70%)
- Blue (77%)



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)
- Black (23%)



- Cyan (31%)
- Magenta (30%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2154, 45.5728, 58.6906 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 44.2154, 45.5728, 58.6906 by changing the saturation by 10% instead.

■ 44.2154, 45.5728,
58.6906

■ 44.2154, 45.5728,
58.6906

354.4239,
369.0885, 437.4243

■ 31.0385, 31.9088,
41.9457

■ 80.7861, 83.5793,
104.4525

■ 20.7802, 21.2919,
28.7335

104.9107,
108.6906, 134.3067

■ 13.0749, 13.3375,
18.6355

133.4151,
138.3865, 169.3677

■ 7.5575, 7.6614,
11.2331

166.6649,
173.0514, 210.0541

■ 3.8626, 3.8790,
6.1077

205.0253,
213.0696, 256.7844

■ 1.6247, 1.6061,
2.8408

248.8617,

■ 0.4084, 0.3617,

258.8256, 309.9772

1.0139

298.5395,
310.7038, 370.0510

■ 0.0000, 0.0000,
0.0000

■ 44.2154, 45.5728,
58.6906

■ 44.2154, 45.5728,
58.6906

■ 36.7741, 36.8482,
57.3995

■ 52.7475, 55.5256,
60.1627

■ 30.3757, 29.2986,
56.2795

■ 62.4078, 66.7457,
61.8192

■ 24.9746, 22.8754,
55.3244

■ 73.2369, 79.2775,
63.6674

■ 20.5203, 17.5243,
54.5263

■ 85.1238, 93.0854,
65.7060

■ 16.9579, 13.1867,
53.8768

■ 86.9639, 96.7656,
66.3194

■ 14.2266, 9.7980,
53.3667

■ 12.2581, 7.2864,
52.9856

■ 10.9731, 5.5695,
52.7220

■ 10.2432, 4.5328,
52.5603

Harmonies

Analogous

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



42.5978, 45.5728, 58.8383



44.2154, 45.5728, 58.6906



45.6251, 45.5728, 56.0173

Triad

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



44.2154, 45.5728, 58.6906



45.4949, 45.5728, 43.4007



40.3486, 45.5728, 47.5826

Complementary

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



44.2154, 45.5728, 58.6906



49.9929, 53.4935, 49.2864

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.



41.0854, 45.5728, 43.7312



44.2154, 45.5728, 58.6906



44.0413, 45.5728, 41.4205

Square

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



44.2154, 45.5728, 58.6906



46.3763, 45.5728, 47.1054



42.4281, 45.5728, 41.5375



40.3925, 45.5728, 52.2247

Rectangle

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



44.2154, 45.5728, 58.6906



46.2452, 45.5728, 53.2524



42.4281, 45.5728, 41.5375



40.5124, 45.5728, 46.1586

Sweetspot

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



44.2167, 45.5747, 58.6916



90.1467, 94.2887, 108.0560



47.5855, 52.7131, 58.5788



19.0214, 19.8626, 23.0813



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.



44.2167, 45.5747, 58.6916



76.5548, 78.4117, 105.7078



45.5220, 45.6562, 58.6385



9.6118, 9.9150, 12.6920



6.6015, 2.9596, 33.7799



0.3145, 0.1865, 1.4693

Inverse Universe

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



46.6249, 46.4358, 49.1556



81.9548, 80.3672, 84.3187



48.5926, 53.4376, 49.3494



10.1154, 10.0948, 10.6981



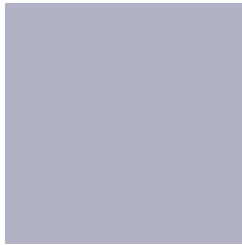
14.7281, 7.5810, 1.2144



0.6511, 0.3335, 0.1304

Previews

White Background



This preview shows how the XYZ color 44.2154, 45.5728, 58.6906 looks on a white background.

Color Contrast Check

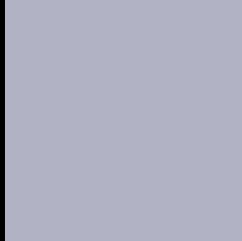
Large Text (above 18pt) WCAG AA × Fail

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 44.2154, 45.5728, 58.6906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

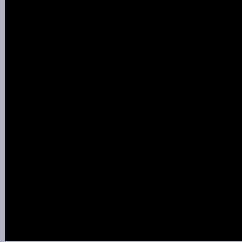
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2154, 45.5728, 58.6906

Background



This preview shows how black text looks on a background with the XYZ color 44.2154, 45.5728, 58.6906.



This preview shows how white text looks on a background with the XYZ color 44.2154, 45.5728,

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

44.2154, 45.5728, 58.6906

Protanopia

44.4440, 45.6907, 58.7013

Deuteranopia

46.3943, 45.5100, 59.1624



Tritanopia

43.9892, 45.4824, 57.4994

Trichromacy



Original Color

44.2154, 45.5728, 58.6906

Protanomaly

44.4440, 45.6907, 58.7013

Deuteranomaly

45.6110, 45.3962, 59.1817

Tritanomaly

44.1019, 45.5274, 58.0930

Monochromacy



Original Color

44.2154, 45.5728, 58.6906

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.7746, 45.7714, 52.9820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2154, 45.5728, 58.6906 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(177, 179, 196)` looks like.

```
.text, #text, p{  
    color:rgb(177, 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(177, 179, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 179, 196) }
```

Border

The CSS property to change the border of an element to XYZ 44.2154, 45.5728, 58.6906 is called "border". The border property can be set on classes, ids or directly on the HTML element.

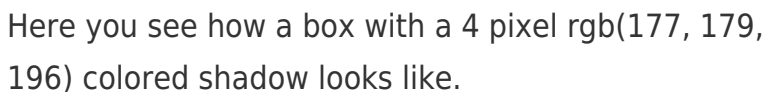
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 179, 196) }
```


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

```
.border{ border-color:rgb(177, 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(177, 179, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 179, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 179, 196); box-shadow:4px 4px 4px 4px rgb(177, 179, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2154, 45.5728, 58.6906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 179, 196) }
```

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

```
.background{ background-color: rgb(177,  
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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