

Converting Colors

XYZ(43.1896, 44.2117, 58.6910)

Have a look what the booklet for
XYZ(43.1896, 44.2117, 58.6910)
contains.

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Color

**XYZ(43.1683, 44.1502,
58.4712)**

Conversions

Conversions Part 1

Format	Color
Hex	AFB0C4
RGB	175, 176, 196
RGB Percent	69%, 69%, 77%
CMY	0.3137, 0.3098, 0.2314
CMYK	0.11, 0.10, 0.00, 0.23
HSL	237°, 15%, 73%
HSV	237°, 11%, 77%
XYZ	43.1683, 44.1502, 58.4712
YIQ	177.9810, -7.0160, 6.0080

Conversions

Conversions Part 2

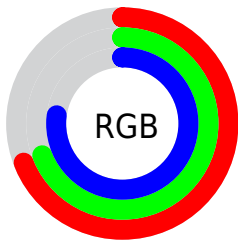
Format	Color
RYB	175, 176, 196
Decimal	11514052
CIELab	72.33, 3.61, -10.27
CIELCh	72, 10.889, 289.360
Yxy	44.1502, 0.2961, 0.3028
Android (android.graphics.Color)	4289704132 (0xFFAFB0C4)
YUV	177.9810, 8.8834, -2.6143
Hunter-Lab	66.4456, -0.3122, -5.6624

Details

The XYZ color **43.1683, 44.1502, 58.4712** is a light color, and the websafe version is hex **999999**. A complement of this color would be **50.0180, 53.8605, 48.3180**, and the grayscale version is **42.2651, 44.4662, 48.4237**.

A 20% lighter version of the original color is **79.5412, 81.7940, 104.5241**, and **20.1162, 20.5059, 28.4890** is the 20% darker color. If you saturate the color by 10%, you get **35.6733, 35.2232, 57.1438**, and if you desaturate by 10%, it is **51.8076, 54.4164, 59.9981**.

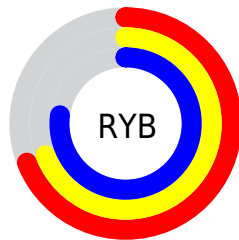
Distribution



Red (69%)

Green (69%)

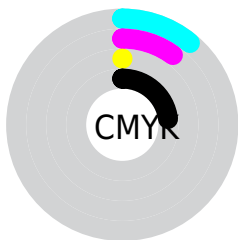
Blue (77%)



Red (69%)

Yellow (69%)

Blue (77%)

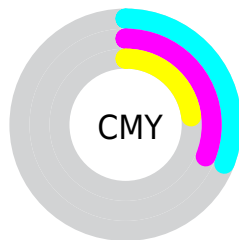


Cyan (11%)

Magenta (10%)

Yellow (0%)

Black (23%)



Cyan (31%)

Magenta (31%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1683, 44.1502, 58.4712 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 43.1683, 44.1502, 58.4712 by changing the saturation by 10% instead.

■ 43.1683, 44.1502,
58.4712

■ 43.1683, 44.1502,
58.4712

350.2132,
363.3208, 436.5866

■ 30.2123, 30.7886,
41.7704

■ 79.2189, 81.4437,
104.1303

■ 20.1486, 20.4379,
28.5973

103.0442,
106.1444, 133.9256

■ 12.6120, 12.7138,
18.5334

131.2233,
135.3936, 168.9228

■ 7.2371, 7.2318,
11.1603

164.1215,
169.5757, 209.5405

■ 3.6585, 3.6075,
6.0592

202.1043,
209.0751, 256.1972

■ 1.5108, 1.4565,
2.8117

245.5369,

■ 0.3332, 0.2578,

254.2761, 309.3114

0.9993

294.7848,
305.5633, 369.3017

■ 0.0000, 0.0000,
0.0000

■ 43.1683, 44.1502,
58.4712

■ 43.1683, 44.1502,
58.4712

■ 35.6733, 35.2232,
57.1438

■ 51.8076, 54.4164,
59.9981

■ 29.2708, 27.5748,
56.0050

■ 61.6323, 66.0679,
61.7293

■ 23.9111, 21.1483,
55.0470

■ 72.6861, 79.1556,
63.6728

■ 19.5389, 15.8803,
54.2607

■ 85.0095, 93.7260,
65.8357

■ 16.0937, 11.7017,
53.6357

■ 86.9639, 96.7656,
66.3194

■ 13.5088, 8.5364,
53.1610

■ 11.7080, 6.2980,
52.8238

■ 10.6021, 4.8860,
52.6096

■ 10.0656, 4.1888,
52.5033

Harmonies

Analogous

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



41.3022, 44.1502, 58.9347



43.1683, 44.1502, 58.4712



44.7552, 44.1502, 55.1054

Triad

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



43.1683, 44.1502, 58.4712



44.3523, 44.1502, 40.6646



38.5235, 44.1502, 46.1932

Complementary

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



43.1683, 44.1502, 58.4712



50.0180, 53.8605, 48.3180

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.



39.2903, 44.1502, 41.6642



43.1683, 44.1502, 58.4712



42.6317, 44.1502, 38.6336

Square

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



43.1683, 44.1502, 58.4712



45.4527, 44.1502, 44.7343



40.7812, 44.1502, 38.9854



38.6575, 44.1502, 51.5718

Rectangle

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



43.1683, 44.1502, 58.4712



45.4237, 44.1502, 51.7992



40.7812, 44.1502, 38.9854



38.6835, 44.1502, 44.5282

Sweetspot

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



43.1696, 44.1521, 58.4722



90.0113, 94.0178, 108.0109



47.2645, 52.5324, 59.2495



18.9851, 19.7899, 23.0692



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.



43.1696, 44.1521, 58.4722



74.6319, 75.7331, 105.2922



45.1696, 44.8922, 58.5096



9.5660, 9.8234, 12.6768



6.4855, 2.7274, 33.7412



0.2938, 0.1450, 1.4624

Inverse Universe

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



45.9324, 45.5311, 47.4440



80.6993, 78.7740, 81.0703



47.8621, 53.0839, 48.2817



10.0923, 10.0855, 10.5764



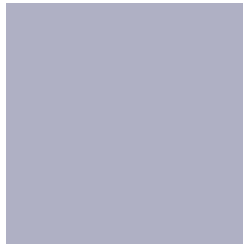
14.6695, 7.5576, 0.9059



0.6407, 0.3293, 0.0753

Previews

White Background



This preview shows how the XYZ color 43.1683, 44.1502, 58.4712 looks on a white background.

Color Contrast Check

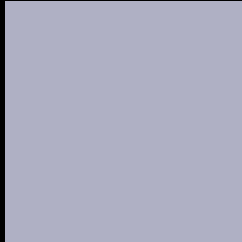
Large Text (above 18pt) WCAG AA × Fail

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 43.1683, 44.1502, 58.4712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

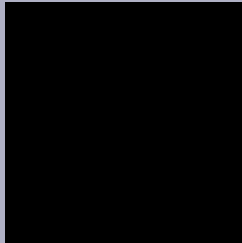
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1683, 44.1502, 58.4712

Background



This preview shows how black text looks on a background with the XYZ color 43.1683, 44.1502, 58.4712.



This preview shows how white text looks on a background with the XYZ color 43.1683, 44.1502,

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

43.1683, 44.1502, 58.4712

Protanopia

43.1683, 44.1502, 58.4712

Deuteranopia

44.8382, 43.8506, 58.9241



Tritanopia

42.5817, 44.2045, 55.5782

Trichromacy



Original Color

43.1683, 44.1502, 58.4712

Protanomaly

43.1683, 44.1502, 58.4712

Deuteranomaly

44.0777, 43.7421, 58.9433

Tritanomaly

42.8033, 44.2932, 56.7455

Monochromacy



Original Color

43.1683, 44.1502, 58.4712

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.6106, 44.2942, 52.2028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1683, 44.1502, 58.4712 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(175, 176, 196)` looks like.

```
.text, #text, p{  
    color:rgb(175, 176, 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(175, 176, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 176, 196) }
```

Border

The CSS property to change the border of an element to XYZ 43.1683, 44.1502, 58.4712 is called "border". The border property can be set on classes, ids or directly on the HTML element.

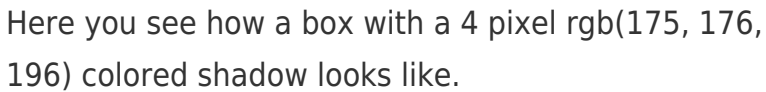
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 176, 196) }
```


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

```
.border{ border-color:rgb(175, 176, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 176, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 176, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 176, 196); box-shadow:4px 4px 4px 4px rgb(175, 176, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1683, 44.1502, 58.4712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 176, 196) }
```

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

```
.background{ background-color: rgb(175,  
176, 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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