

Converting Colors

XYZ(43.5519, 48.4532, 59.5349)

Have a look what the booklet for
XYZ(43.5519, 48.4532, 59.5349)
contains.

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Color

**XYZ(43.4712, 48.2732,
59.2510)**

Conversions

Conversions Part 1

Format	Color
Hex	A4BDC4
RGB	164, 189, 196
RGB Percent	64%, 74%, 77%
CMY	0.3569, 0.2588, 0.2314
CMYK	0.16, 0.04, 0.00, 0.23
HSL	193°, 21%, 71%
HSV	193°, 16%, 77%
XYZ	43.4712, 48.2732, 59.2510
YIQ	182.3230, -17.1470, -3.1230

Conversions

Conversions Part 2

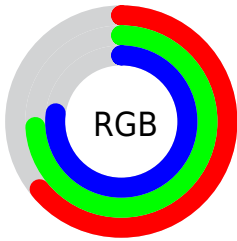
Format	Color
RYB	164, 178, 196
Decimal	10796484
CIELab	75.00, -6.99, -6.39
CIElCh	75, 9.475, 222.424
Yxy	48.2732, 0.2879, 0.3197
Android (android.graphics.Color)	4288986564 (0xFFA4BDC4)
YUV	182.3230, 6.7428, -16.0693
Hunter-Lab	69.4789, -9.9052, -1.9267

Details

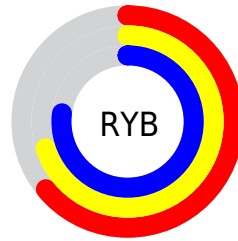
The XYZ color **43.4712, 48.2732, 59.2510** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.0290, 43.5418, 41.2066**, and the grayscale version is **44.6116, 46.9349, 51.1121**.

A 20% lighter version of the original color is **79.5954, 87.4567, 105.6142**, and **20.3687, 23.0061, 28.9583** is the 20% darker color. If you saturate the color by 10%, you get **38.8259, 44.5312, 58.7743**, and if you desaturate by 10%, it is **48.7700, 52.3951, 59.7681**.

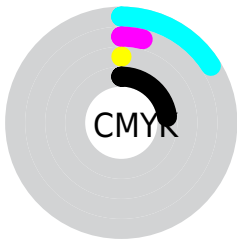
Distribution



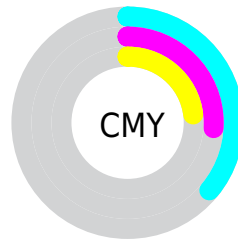
- Red (64%)
- Green (74%)
- Blue (77%)



- Red (64%)
- Yellow (70%)
- Blue (77%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (23%)



- Cyan (36%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4712, 48.2732, 59.2510 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 43.4712, 48.2732, 59.2510 by changing the saturation by 10% instead.

■ 43.4712, 48.2732,
59.2510

■ 43.4712, 48.2732,
59.2510

351.4348,
379.8740, 439.5592

■ 30.4511, 34.0433,
42.3939

■ 79.6727, 87.6110,
105.2751

■ 20.3310, 22.9269,
29.0819

■ 103.5849,
113.4877, 135.2791

■ 12.7456, 14.5395,
18.8967

131.8584,
144.0155, 170.5025

■ 7.3294, 8.4968,
11.4196

164.8588,
179.5787, 211.3639

■ 3.7171, 4.4145,
6.2321

202.9512,
220.5618, 258.2817

■ 1.5434, 1.9080,
2.9157

246.5011,

■ 0.3550, 0.5532,

267.3491, 311.6744

1.0517

295.8738,
320.3250, 371.9608

■ 0.0000, 0.0000,
0.0000

■ 43.4712, 48.2732,
59.2510

■ 43.4712, 48.2732,
59.2510

■ 38.8259, 44.5312,
58.7743

■ 48.7700, 52.3951,
59.7681

■ 34.8011, 41.1479,
58.3334

■ 54.7449, 56.9050,
60.3237

■ 31.3674, 38.1091,
57.9278

■ 61.4225, 61.8183,
60.9201

■ 28.4910, 35.3971,
57.5560

■ 68.8270, 67.1478,
61.5585

■ 26.1350, 32.9923,
57.2160

■ 74.3577, 71.5531,
62.1174

■ 24.2573, 30.8728,
56.9058

■ 75.4330, 73.7037,
62.4758

■ 22.8093, 29.0131,
56.6232

■ 76.5369, 75.9114,
62.8437

■ 21.7283, 27.3806,
56.3651

■ 77.6695, 78.1767,
63.2213

■ 21.3785, 26.8146,
56.2743

■ 78.8312, 80.5000,
63.6085

Harmonies

Analogous

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



42.7109, 48.2732, 54.6369



43.4712, 48.2732, 59.2510



44.8854, 48.2732, 62.1725

Triad

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



43.4712, 48.2732, 59.2510



49.1257, 48.2732, 55.4897



45.1705, 48.2732, 43.7990

Complementary

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



43.4712, 48.2732, 59.2510



44.0290, 43.5418, 41.2066

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.



46.8937, 48.2732, 43.9955



43.4712, 48.2732, 59.2510



49.2067, 48.2732, 50.5389

Square

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



43.4712, 48.2732, 59.2510



48.1622, 48.2732, 59.9090



48.3808, 48.2732, 46.3951



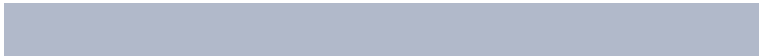
43.6754, 48.2732, 45.8404

Rectangle

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



43.4712, 48.2732, 59.2510



46.0230, 48.2732, 62.6615



48.3808, 48.2732, 46.3951



45.7417, 48.2732, 43.6093

Sweetspot

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



43.4726, 48.2752, 59.2521



89.6308, 95.8955, 108.3934



42.3949, 50.3109, 45.9721



19.0272, 20.4053, 23.1857



0.0000, 0.0000, 0.0000



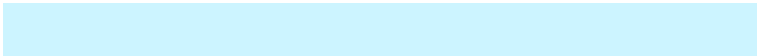
20.3446, 21.4041, 23.3091

Same Dimension

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



43.4726, 48.2752, 59.2521



75.2568, 84.6673, 106.9837



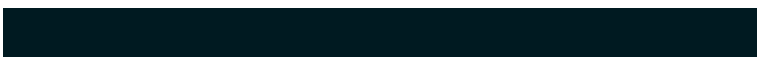
40.2308, 41.7916, 58.1715



10.1756, 11.0426, 12.8800



13.8020, 17.3604, 36.1801



0.6438, 0.8451, 1.5791

Inverse Universe

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



45.2268, 41.9618, 53.8621



79.1389, 70.9682, 94.9941



47.2228, 49.9293, 42.2712



10.4000, 10.2086, 12.1967



18.3626, 9.0348, 20.3531



0.8174, 0.4000, 1.0056

Previews

White Background



This preview shows how the XYZ color 43.4712, 48.2732, 59.2510 looks on a white background.

Color Contrast Check

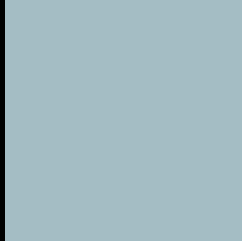
Large Text (above 18pt) WCAG AA × Fail

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 43.4712, 48.2732, 59.2510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

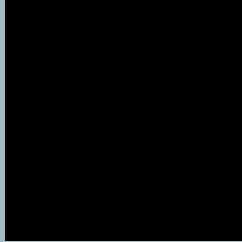
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4712, 48.2732, 59.2510

Background



This preview shows how black text looks on a background with the XYZ color 43.4712, 48.2732, 59.2510.



This preview shows how white text looks on a background with the XYZ color 43.4712, 48.2732,

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

43.4712, 48.2732, 59.2510

Protanopia

46.5667, 48.0315, 57.2688

Deuteranopia

49.0781, 48.0532, 60.1146



Tritanopia

44.2798, 48.2776, 63.4846

Trichromacy



Original Color

43.4712, 48.2732, 59.2510

Protanomaly

45.2180, 47.9401, 57.9091

Deuteranomaly

46.7787, 48.0885, 59.6398

Tritanomaly

43.9256, 48.1359, 61.6196

Monochromacy



Original Color

43.4712, 48.2732, 59.2510

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.9978, 47.3997, 53.8438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4712, 48.2732, 59.2510 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(164, 189, 196)` looks like.

```
.text, #text, p{  
    color:rgb(164, 189, 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(164, 189, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 189, 196) }
```

Border

The CSS property to change the border of an element to XYZ 43.4712, 48.2732, 59.2510 is called "border". The border property can be set on classes, ids or directly on the HTML element.

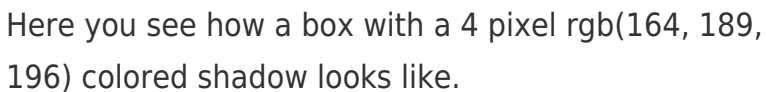
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(164, 189, 196) }
```


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

```
.border{ border-color:rgb(164, 189, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(164, 189, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 189, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 189, 196); box-shadow:4px 4px 4px 4px rgb(164, 189, 196) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4712, 48.2732, 59.2510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 189, 196) }
```

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

```
.background{ background-color: rgb(164,  
189, 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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