

Converting Colors

XYZ(43.5337, 49.2255, 64.7814)

Have a look what the booklet for
XYZ(43.5337, 49.2255, 64.7814)
contains.

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Color

**XYZ(43.5794, 49.1750,
64.9524)**

Conversions

Conversions Part 1

Format	Color
Hex	9CC0CD
RGB	156, 192, 205
RGB Percent	61%, 75%, 80%
CMY	0.3882, 0.2470, 0.1961
CMYK	0.24, 0.06, 0.00, 0.20
HSL	196°, 33%, 71%
HSV	196°, 24%, 80%
XYZ	43.5794, 49.1750, 64.9524
YIQ	182.7180, -25.6290, -3.5890

Conversions

Conversions Part 2

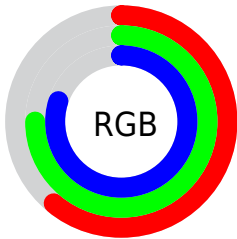
Format	Color
RYB	156, 177, 205
Decimal	10272973
CIELab	75.56, -9.10, -10.50
CIELCh	76, 13.895, 229.075
Yxy	49.1750, 0.2763, 0.3118
Android (android.graphics.Color)	4288463053 (0xFF9CC0CD)
YUV	182.7180, 10.9850, -23.4317
Hunter-Lab	70.1249, -11.7890, -5.8293

Details

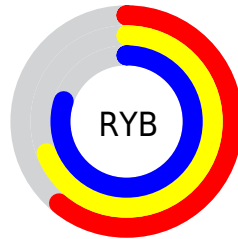
The XYZ color **43.5794, 49.1750, 64.9524** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.3661, 43.7555, 37.5082**, and the grayscale version is **44.8083, 47.1418, 51.3375**.

A 20% lighter version of the original color is **78.4814, 88.2037, 107.4963**, and **20.5275, 23.6427, 32.7597** is the 20% darker color. If you saturate the color by 10%, you get **38.7707, 44.9573, 64.3926**, and if you desaturate by 10%, it is **49.1047, 53.8301, 65.5605**.

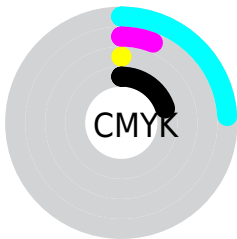
Distribution



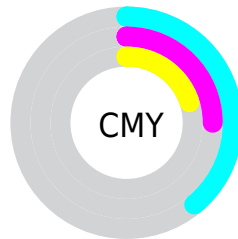
- Red (61%)
- Green (75%)
- Blue (80%)



- Red (61%)
- Yellow (69%)
- Blue (80%)



- Cyan (24%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (39%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5794, 49.1750, 64.9524 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 43.5794, 49.1750, 64.9524 by changing the saturation by 10% instead.

■ 43.5794, 49.1750,
64.9524

■ 43.5794, 49.1750,
64.9524

351.8704,
383.4308, 460.9224

■ 30.5365, 34.7583,
46.9714

■ 79.8347, 88.9513,
113.5940

■ 20.3962, 23.4768,
32.6588

■ 103.7779,
115.0797, 145.0917

■ 12.7933, 14.9459,
21.5963

132.0851,
145.8809, 181.9321

■ 7.3624, 8.7815,
13.3651

165.1218,
181.7391, 224.5336

■ 3.7381, 4.5989,
7.5467

203.2533,
223.0388, 273.3149

■ 1.5551, 2.0139,
3.7227

246.8450,

■ 0.3628, 0.6155,

270.1644, 328.6944

1.4745

296.2623,
323.5003, 391.0907

■ 0.0000, 0.0000,
0.1988

■ 0.0000, 0.0000,
0.0000

■ 43.5794, 49.1750,
64.9524

■ 43.5794, 49.1750,
64.9524

■ 38.7707, 44.9573,
64.3926

■ 49.1047, 53.8301,
65.5605

■ 34.6401, 41.1528,
63.8759

■ 55.3738, 58.9335,
66.2152

■ 31.1521, 37.7436,
63.4017

■ 62.4179, 64.5034,
66.9190

■ 28.2659, 34.7080,
62.9679

■ 70.2651, 70.5548,
67.6734

■ 25.9361, 32.0219,
62.5722

■ 77.6415, 76.4316,
68.4190

■ 24.1099, 29.6573,
62.2121

■ 79.0851, 79.3189,
68.9002

■ 22.7239, 27.5808,
61.8843

■ 80.5755, 82.2997,
69.3970

■ 22.0256, 26.4199,
61.6970

■ 82.1131, 85.3749,
69.9095

■ 83.6984, 88.5455,
70.4380

Harmonies

Analogous

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



42.2271, 49.1750, 58.2982



43.5794, 49.1750, 64.9524



45.8100, 49.1750, 68.6602

Triad

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



43.5794, 49.1750, 64.9524



51.7563, 49.1750, 56.2677



45.1444, 49.1750, 41.2615

Complementary

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



43.5794, 49.1750, 64.9524



45.3661, 43.7555, 37.5082

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.



47.6812, 49.1750, 40.8258



43.5794, 49.1750, 64.9524



51.5621, 49.1750, 49.0541

Square

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



43.5794, 49.1750, 64.9524



50.5697, 49.1750, 63.3494



50.0485, 49.1750, 43.5550



43.1075, 49.1750, 44.8051

Rectangle

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



43.5794, 49.1750, 64.9524



47.5224, 49.1750, 68.7538



50.0485, 49.1750, 43.5550



45.9650, 49.1750, 40.7597

Sweetspot

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



43.5809, 49.1770, 64.9535



87.2932, 93.7865, 108.1095



42.6338, 53.5679, 45.2617



18.5475, 19.9633, 23.1257



0.0000, 0.0000, 0.0000



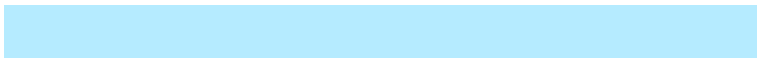
20.3446, 21.4041, 23.3091

Same Dimension

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



43.5809, 49.1770, 64.9535



66.9362, 76.6867, 105.8818



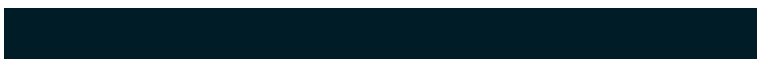
38.7796, 39.5745, 63.3531



11.2817, 12.2039, 14.3313



13.7930, 16.6100, 38.4353



0.7716, 0.9770, 2.0029

Inverse Universe

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



46.5809, 40.5630, 55.2458



72.8250, 60.3485, 86.6987



50.1932, 53.4098, 39.1173



11.5556, 11.3510, 13.4602



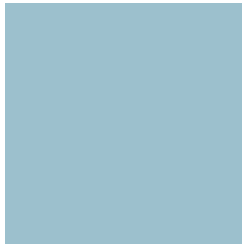
19.1730, 9.4798, 19.1613



1.0194, 0.5012, 1.1481

Previews

White Background



This preview shows how the XYZ color 43.5794, 49.1750, 64.9524 looks on a white background.

Color Contrast Check

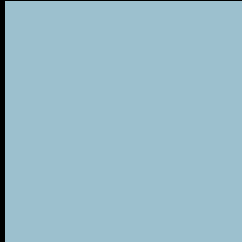
Large Text (above 18pt) WCAG AA × Fail

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 43.5794, 49.1750, 64.9524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

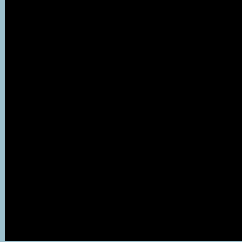
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5794, 49.1750, 64.9524

Background



This preview shows how black text looks on a background with the XYZ color 43.5794, 49.1750, 64.9524.



This preview shows how white text looks on a background with the XYZ color 43.5794, 49.1750,

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

43.5794, 49.1750, 64.9524

Protanopia

47.7819, 49.1823, 61.6183

Deuteranopia

50.0345, 49.0221, 65.8566



Tritanopia

43.8224, 49.2722, 66.2323

Trichromacy



Original Color

43.5794, 49.1750, 64.9524

Protanomaly

46.0994, 49.2294, 62.9496

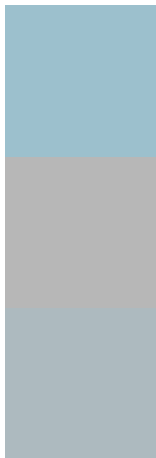
Deuteranomaly

47.3119, 48.8575, 65.3293

Tritanomaly

43.7005, 49.2234, 65.5903

Monochromacy



Original Color

43.5794, 49.1750, 64.9524

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.1965, 47.7636, 56.1801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5794, 49.1750, 64.9524 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(156, 192, 205)` looks like.

```
.text, #text, p{  
    color:rgb(156, 192, 205)  
}
```

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(156, 192, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 192, 205) }
```

Border

The CSS property to change the border of an element to XYZ 43.5794, 49.1750, 64.9524 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(156, 192, 205) }
```


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

```
.border{ border-color:rgb(156, 192, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 192, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 192, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 192, 205);  
box-shadow:4px 4px 4px 4px rgb(156, 192,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5794, 49.1750, 64.9524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 192, 205) }
```

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

```
.background{ background-color: rgb(156,  
192, 205) }
```

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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