

Converting Colors

XYZ(43.2070, 49.4536, 64.2500)

Have a look what the booklet for
XYZ(43.2070, 49.4536, 64.2500)
contains.

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Color

**XYZ(43.1059, 49.2719,
64.3652)**

Conversions

Conversions Part 1

Format	Color
Hex	99C1CC
RGB	153, 193, 204
RGB Percent	60%, 76%, 80%
CMY	0.4000, 0.2431, 0.2000
CMYK	0.25, 0.05, 0.00, 0.20
HSL	193°, 33%, 70%
HSV	193°, 25%, 80%
XYZ	43.1059, 49.2719, 64.3652
YIQ	182.2940, -27.3710, -5.0590

Conversions

Conversions Part 2

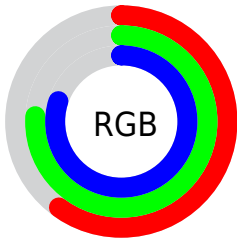
Format	Color
RYB	153, 175, 204
Decimal	10076620
CIELab	75.62, -10.76, -9.89
CIELCh	76, 14.614, 222.570
Yxy	49.2719, 0.2750, 0.3143
Android (android.graphics.Color)	4288266700 (0xFF99C1CC)
YUV	182.2940, 10.7011, -25.6908
Hunter-Lab	70.1939, -13.2231, -5.2309

Details

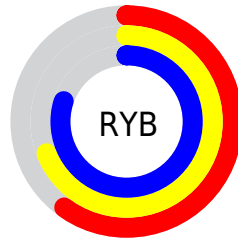
The XYZ color **43.1059, 49.2719, 64.3652** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.9275, 41.6883, 35.8694**, and the grayscale version is **44.5790, 46.9005, 51.0747**.

A 20% lighter version of the original color is **77.9381, 88.3813, 107.5593**, and **20.1045, 23.4339, 32.3177** is the 20% darker color. If you saturate the color by 10%, you get **38.6221, 45.5394, 63.8819**, and if you desaturate by 10%, it is **48.2798, 53.4056, 64.8912**.

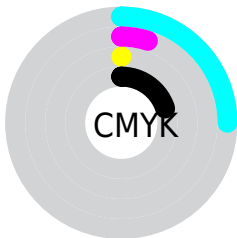
Distribution



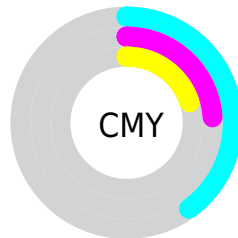
- Red (60%)
- Green (76%)
- Blue (80%)



- Red (60%)
- Yellow (69%)
- Blue (80%)



- Cyan (25%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (40%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1059, 49.2719, 64.3652 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 43.1059, 49.2719, 64.3652 by changing the saturation by 10% instead.

■ 43.1059, 49.2719,
64.3652

■ 43.1059, 49.2719,
64.3652

349.9612,
383.8117, 458.7509

■ 30.1631, 34.8352,
46.4985

■ 79.1254, 89.0952,
112.7412

■ 20.1111, 23.5360,
32.2878

■ 102.9327,
115.2505, 144.0876

■ 12.5846, 14.9898,
21.3148

131.0923,
146.0809, 180.7643

■ 7.2181, 8.8122,
13.1608

163.9695,
181.9707, 223.1898

■ 3.6464, 4.6189,
7.4074

201.9296,
223.3042, 271.7826

■ 1.5041, 2.0254,
3.6359

245.3381,

■ 0.3286, 0.6222,

270.4660, 326.9614

1.4278

294.5601,
323.8404, 389.1446

■ 0.0000, 0.0000,
0.1632

■ 0.0000, 0.0000,
0.0000

■ 43.1059, 49.2719,
64.3652

■ 43.1059, 49.2719,
64.3652

■ 38.6221, 45.5394,
63.8819

■ 48.2798, 53.4056,
64.8912

■ 34.7904, 42.1843,
63.4362

■ 54.1708, 57.9511,
65.4581

■ 31.5754, 39.1894,
63.0276

■ 60.8097, 62.9258,
66.0684

■ 28.9368, 36.5335,
62.6540

■ 68.2242, 68.3444,
66.7235

■ 26.8291, 34.1927,
62.3133

■ 76.4394, 74.2201,
67.4246

■ 25.1997, 32.1395,
62.0029

■ 77.5747, 76.4907,
67.8031

■ 23.9844, 30.3405,
61.7197

■ 78.7404, 78.8220,
68.1916

■ 23.4719, 29.5051,
61.5855

■ 79.9366, 81.2145,
68.5904

■ 81.1637, 83.6686,
68.9994

Harmonies

Analogous

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



41.9380, 49.2719, 56.9549



43.1059, 49.2719, 64.3652



45.2913, 49.2719, 69.1459

Triad

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



43.1059, 49.2719, 64.3652



51.9691, 49.2719, 58.2337



45.7091, 49.2719, 40.3884

Complementary

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



43.1059, 49.2719, 64.3652



43.9275, 41.6883, 35.8694

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.



48.4062, 49.2719, 40.6595



43.1059, 49.2719, 64.3652



52.0915, 49.2719, 50.4731

Square

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



43.1059, 49.2719, 64.3652



50.4374, 49.2719, 65.3787



50.7657, 49.2719, 44.1931



43.4016, 49.2719, 43.4130

Rectangle

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



43.1059, 49.2719, 64.3652



47.0649, 49.2719, 69.9410



50.7657, 49.2719, 44.1931



46.5988, 49.2719, 40.1061

Sweetspot

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



43.1074, 49.2739, 64.3663



87.5695, 94.3390, 108.2016



41.3594, 52.6104, 42.7203



18.6117, 20.0915, 23.1471



0.0000, 0.0000, 0.0000



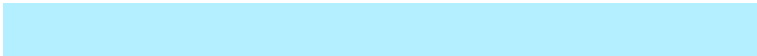
20.3446, 21.4041, 23.3091

Same Dimension

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



43.1074, 49.2739, 64.3663



67.2464, 78.1870, 106.1551



38.0950, 39.2491, 62.6955



11.3300, 12.3005, 14.3474



14.8437, 18.7114, 38.7856



0.8182, 1.0702, 2.0184

Inverse Universe

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



45.9199, 39.4712, 55.6528



72.7668, 59.5028, 88.9275



48.7856, 51.4044, 37.4888



11.5799, 11.3607, 13.5885



19.7033, 9.6919, 21.9542



1.0429, 0.5106, 1.2720

Previews

White Background



This preview shows how the XYZ color 43.1059, 49.2719, 64.3652 looks on a white background.

Color Contrast Check

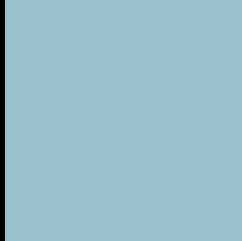
Large Text (above 18pt) WCAG AA × Fail

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 43.1059, 49.2719, 64.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

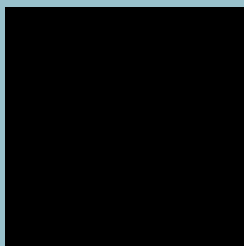
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

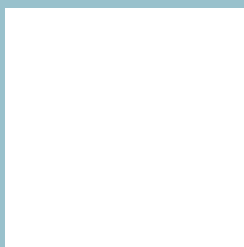
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1059, 49.2719, 64.3652

Background



This preview shows how black text looks on a background with the XYZ color 43.1059, 49.2719, 64.3652.



This preview shows how white text looks on a background with the XYZ color 43.1059, 49.2719,

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

43.1059, 49.2719, 64.3652

Protanopia

47.6653, 49.1357, 61.0047

Deuteranopia

50.0345, 49.0221, 65.8566



Tritanopia

43.5612, 49.1234, 66.8603

Trichromacy



Original Color

43.1059, 49.2719, 64.3652

Protanomaly

45.7594, 49.0677, 62.3176

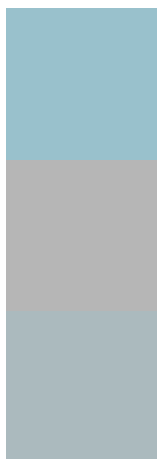
Deuteranomaly

47.0799, 48.7379, 65.3185

Tritanomaly

43.4385, 49.0743, 66.2143

Monochromacy



Original Color

43.1059, 49.2719, 64.3652

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.6478, 47.4934, 55.5819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1059, 49.2719, 64.3652 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(153, 193, 204)` looks like.

```
.text, #text, p{  
    color:rgb(153, 193, 204)  
}
```

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(153, 193, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 193, 204) }
```

Border

The CSS property to change the border of an element to XYZ 43.1059, 49.2719, 64.3652 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(153, 193, 204) }
```


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

```
.border{ border-color:rgb(153, 193, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 193, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 193, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 193, 204);  
box-shadow:4px 4px 4px 4px rgb(153, 193,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1059, 49.2719, 64.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 193, 204) }
```

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

```
.background{ background-color: rgb(153,  
193, 204) }
```

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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