

Converting Colors

XYZ(41.6504, 49.0849, 64.4065)

Have a look what the booklet for
XYZ(41.6504, 49.0849, 64.4065)
contains.

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Color

**XYZ(41.7419, 49.2295,
64.4290)**

Conversions

Conversions Part 1

Format	Color
Hex	8FC3CC
RGB	143, 195, 204
RGB Percent	56%, 76%, 80%
CMY	0.4392, 0.2353, 0.2000
CMYK	0.30, 0.04, 0.00, 0.20
HSL	189°, 37%, 68%
HSV	189°, 30%, 80%
XYZ	41.7419, 49.2295, 64.4290
YIQ	180.4780, -33.8810, -8.2250

Conversions

Conversions Part 2

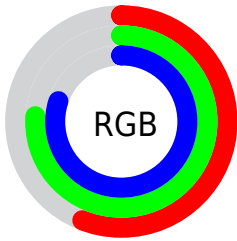
Format	Color
RYB	143, 171, 204
Decimal	9421772
CIELab	75.59, -14.74, -9.99
CIElCh	76, 17.809, 214.111
Yxy	49.2295, 0.2686, 0.3168
Android (android.graphics.Color)	4287611852 (0xFF8FC3CC)
YUV	180.4780, 11.5963, -32.8682
Hunter-Lab	70.1637, -16.5931, -5.3294

Details

The XYZ color **41.7419, 49.2295, 64.4290** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.0887, 37.2775, 31.0174**, and the grayscale version is **43.5932, 45.8634, 49.9452**.

A 20% lighter version of the original color is **76.1491, 88.8466, 107.7434**, and **19.2463, 23.4254, 32.3613** is the 20% darker color. If you saturate the color by 10%, you get **37.8593, 46.2383, 64.0571**, and if you desaturate by 10%, it is **46.2832, 52.5829, 64.8377**.

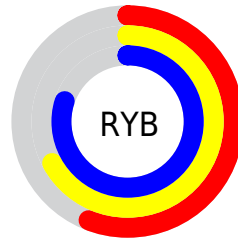
Distribution



Red (56%)

Green (76%)

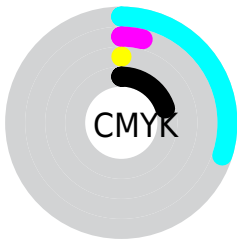
Blue (80%)



Red (56%)

Yellow (67%)

Blue (80%)

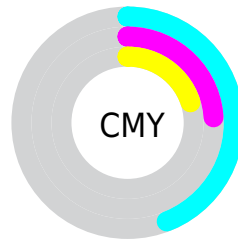


Cyan (30%)

Magenta (4%)

Yellow (0%)

Black (20%)



Cyan (44%)


Magenta (24%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7419, 49.2295, 64.4290 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 41.7419, 49.2295, 64.4290 by changing the saturation by 10% instead.


 41.7419, 49.2295,
64.4290


 41.7419, 49.2295,
64.4290

344.4218,
383.6451, 458.9871

 29.0895, 34.8016,
46.5498


 77.0765, 89.0322,
112.8339

 19.2931, 23.5101,
32.3281


 100.4893,
115.1758, 144.1968

 11.9875, 14.9706,
21.3454


128.2197,
145.9934, 180.8913

 6.8073, 8.7987,
13.1830

160.6329,
181.8693, 223.3359

 3.3872, 4.6101,
7.4225

198.0944,
223.1881, 271.9493

 1.3617, 2.0204,
3.6453

240.9695,

 0.2287, 0.6193,

270.3341, 327.1499

1.4328

289.6235,
323.6916, 389.3563

■ 0.0000, 0.0000,
0.1671

■ 0.0000, 0.0000,
0.0000

■ 41.7419, 49.2295,
64.4290

■ 41.7419, 49.2295,
64.4290

■ 37.8593, 46.2383,
64.0571

■ 46.2832, 52.5829,
64.8377

■ 34.5962, 43.5852,
63.7170

■ 51.5111, 56.3093,
65.2815

■ 31.9157, 41.2525,
63.4080

■ 57.4571, 60.4264,
65.7628

■ 29.7753, 39.2180,
63.1281

■ 64.1497, 64.9488,
66.2829

■ 28.1266, 37.4567,
62.8751

■ 71.6155, 69.8904,
66.8433

■ 26.9122, 35.9389,
62.6461

■ 75.9482, 73.2377,
67.2610

■ 26.0262, 34.6098,
62.4363

■ 76.7125, 74.7662,
67.5157

■ 26.0179, 34.5970,
62.4342

■ 77.4908, 76.3229,
67.7752

■ 78.2834, 77.9080,
68.0394

Harmonies

Analogous

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



40.7553, 49.2295, 54.9131



41.7419, 49.2295, 64.4290



44.0805, 49.2295, 71.6282

Triad

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



41.7419, 49.2295, 64.4290



52.7220, 49.2295, 61.9169



46.3387, 49.2295, 37.4730

Complementary

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



41.7419, 49.2295, 64.4290



41.0887, 37.2775, 31.0174

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.



49.6107, 49.2295, 38.8873



41.7419, 49.2295, 64.4290



53.3953, 49.2295, 52.3130

Square

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



41.7419, 49.2295, 64.4290



50.4327, 49.2295, 70.0626



52.2320, 49.2295, 44.0624



43.3293, 49.2295, 39.9463

Rectangle

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



41.7419, 49.2295, 64.4290



46.1445, 49.2295, 73.7405



52.2320, 49.2295, 44.0624



47.4439, 49.2295, 37.5117

Sweetspot

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



41.7434, 49.2315, 64.4301



86.0345, 93.7632, 108.1714



38.5183, 51.2651, 37.2011



18.1231, 19.8643, 23.1290



0.0000, 0.0000, 0.0000



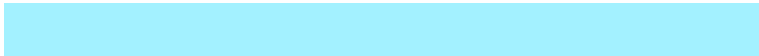
20.3446, 21.4041, 23.3091

Same Dimension

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



41.7434, 49.2315, 64.4301



64.7866, 78.2103, 106.2892



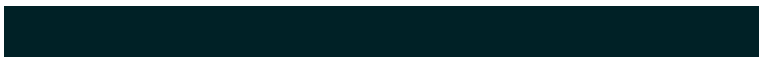
35.7492, 37.2432, 62.4321



11.3968, 12.4340, 14.3697



16.4293, 21.8826, 39.3141



0.8869, 1.2076, 2.0413

Inverse Universe

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



44.5759, 36.4236, 56.3130



70.3186, 53.9038, 90.2772



46.5137, 48.1275, 32.8257



11.6136, 11.3742, 13.7660



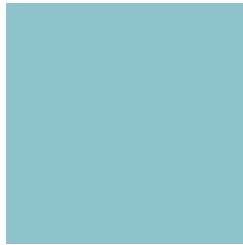
20.5037, 10.0121, 26.1687



1.0776, 0.5245, 1.4546

Previews

White Background



This preview shows how the XYZ color 41.7419, 49.2295, 64.4290 looks on a white background.

Color Contrast Check

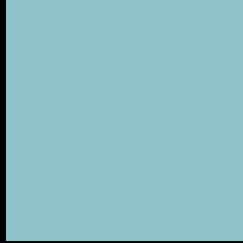
Large Text (above 18pt) WCAG AA × Fail

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 41.7419, 49.2295, 64.4290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

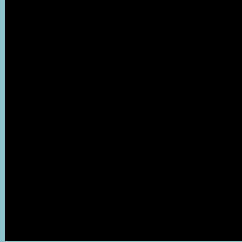
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7419, 49.2295, 64.4290

Background



This preview shows how black text looks on a background with the XYZ color 41.7419, 49.2295, 64.4290.

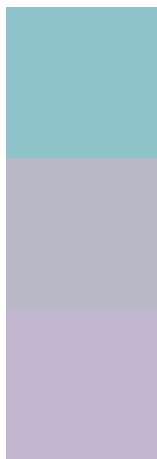


This preview shows how white text looks on a background with the XYZ color 41.7419, 49.2295,

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

41.7419, 49.2295, 64.4290

Protanopia

47.3411, 48.6725, 60.3257

Deuteranopia

50.0345, 49.0221, 65.8566



Tritanopia

42.4262, 49.1660, 68.2267

Trichromacy



Original Color

41.7419, 49.2295, 64.4290

Protanomaly

44.9861, 48.6826, 61.6692

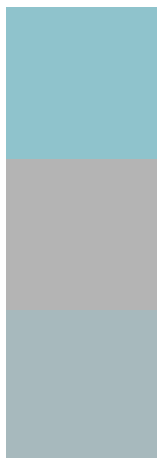
Deuteranomaly

46.3787, 48.6880, 65.3458

Tritanomaly

42.1786, 49.0669, 66.9223

Monochromacy



Original Color

41.7419, 49.2295, 64.4290

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.4706, 46.5875, 54.8980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7419, 49.2295, 64.4290 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(143, 195, 204)` looks like.

```
.text, #text, p{  
    color:rgb(143, 195, 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(143, 195, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 195, 204) }
```

Border

The CSS property to change the border of an element to XYZ 41.7419, 49.2295, 64.4290 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(143, 195, 204) }
```


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

```
.border{ border-color:rgb(143, 195, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 195, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 195, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 195, 204);  
box-shadow:4px 4px 4px 4px rgb(143, 195,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7419, 49.2295, 64.4290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 195, 204) }
```

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

```
.background{ background-color: rgb(143,  
195, 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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