

Converting Colors

XYZ(48.6659, 59.2159, 72.6172)

Have a look what the booklet for
XYZ(48.6659, 59.2159, 72.6172)
contains.

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Color

**XYZ(48.7618, 59.4322,
72.5199)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 96D6D6 |
| RGB | 150, 214, 214 |
| RGB Percent | 59%, 84%, 84% |
| CMY | 0.4118, 0.1608, 0.1608 |
| CMYK | 0.30, 0.00, 0.00, 0.16 |
| HSL | 180°, 44%, 71% |
| HSV | 180°, 30%, 84% |
| XYZ | 48.7618, 59.4322, 72.5199 |
| YIQ | 194.8640, -38.1440, -13.5680 |

Conversions

Conversions Part 2

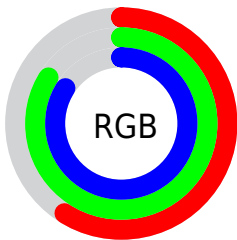
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 150, 182, 214 |
| Decimal | 9885398 |
| CIE _{Lab} | 81.53, -20.11, -6.51 |
| CIE _{LCh} | 82, 21.141, 197.930 |
| Yxy | 59.4322, 0.2698, 0.3289 |
| Android (android.graphics.Color) | 4288075478 (0xFF96D6D6) |
| YUV | 194.8640, 9.4340, -39.3457 |
| Hunter-Lab | 77.0923, -22.0081, -1.8089 |

Details

The XYZ color **48.7618, 59.4322, 72.5199** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.1449, 38.3124, 33.9247**, and the grayscale version is **51.7541, 54.4493, 59.2953**.

A 20% lighter version of the original color is **79.2636, 91.8618, 108.1612**, and **23.4800, 29.7863, 37.3127** is the 20% darker color. If you saturate the color by 10%, you get **45.1782, 57.5863, 72.3529**, and if you desaturate by 10%, it is **53.0680, 61.6536, 72.7233**.

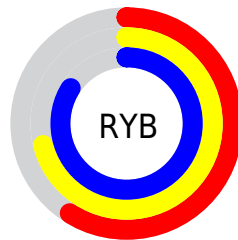
Distribution



Red (59%)

Green (84%)

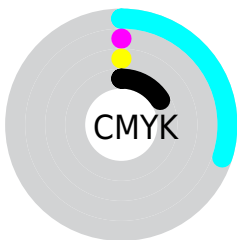
Blue (84%)



Red (59%)

Yellow (71%)

Blue (84%)

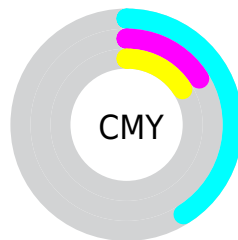


Cyan (30%)

Magenta (0%)

Yellow (0%)

Black (16%)



Cyan (41%)


Magenta (16%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.7618, 59.4322, 72.5199 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 48.7618, 59.4322, 72.5199 by changing the saturation by 10% instead.


 48.7618, 59.4322,
72.5199


 48.7618, 59.4322,
72.5199


372.3364,
422.5017, 488.3753

 34.6443, 42.9611,
53.0941


 87.5404, 104.0056,
124.5100

 23.5542, 29.8546,
37.4896


 112.9323,
132.8766, 157.9113

 15.1262, 19.7283,
25.2881


142.8130,
166.6499, 196.8082

 8.9949, 12.1977,
16.0708

177.5478,
205.7096, 241.6192

 4.7950, 6.8785,
9.4194

217.5023,
250.4403, 292.7629

 2.1610, 3.3862,
4.9152

263.0416,

 0.7220, 1.3365,

301.2262, 350.6578

2.1397

314.5312,
358.4519, 415.7224

■ 0.0000, 0.1692,
0.6393

■ 0.0000, 0.0000,
0.0000

■ 48.7618, 59.4322,
72.5199

■ 48.7618, 59.4322,
72.5199

■ 45.1782, 57.5863,
72.3529

■ 53.0680, 61.6536,
72.7233

■ 42.2729, 56.0885,
72.2164

■ 58.1278, 64.2620,
72.9606

■ 40.0046, 54.9192,
72.1097

■ 63.9768, 67.2773,
73.2349

■ 38.3255, 54.0536,
72.0305

■ 70.6466, 70.7157,
73.5476

■ 37.1811, 53.4637,
71.9764

■ 77.4259, 74.2105,
73.8655

■ 36.5069, 53.1161,
71.9443

■ 77.4260, 74.2106,
73.8660

■ 36.1871, 52.9513,
71.9287

■ 77.4261, 74.2106,
73.8666

■ 36.1846, 52.9500,
71.9286

■ 77.4263, 74.2107,
73.8672

■ 77.4264, 74.2107,
73.8677

Harmonies

Analogous

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



48.5577, 59.4322, 59.7406



48.7618, 59.4322, 72.5199



50.9684, 59.4322, 84.5733

Triad

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



48.7618, 59.4322, 72.5199



63.0540, 59.4322, 82.4820



58.2895, 59.4322, 43.6579

Complementary

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



48.7618, 59.4322, 72.5199



44.1449, 38.3124, 33.9247

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.



62.3935, 59.4322, 48.2317



48.7618, 59.4322, 72.5199



65.2391, 59.4322, 69.9509

Square

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



48.7618, 59.4322, 72.5199



59.1529, 59.4322, 90.8223



64.9912, 59.4322, 57.4848



53.9053, 59.4322, 44.1565

Rectangle

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



48.7618, 59.4322, 72.5199



53.3464, 59.4322, 90.0683



64.9912, 59.4322, 57.4848



59.7517, 59.4322, 44.6256

Sweetspot

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



48.7635, 59.4346, 72.5213



87.1048, 95.9041, 108.5274



42.3282, 56.8832, 37.6039



18.3888, 20.3959, 23.2174



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.



48.7635, 59.4346, 72.5213



68.9547, 86.5474, 107.6757



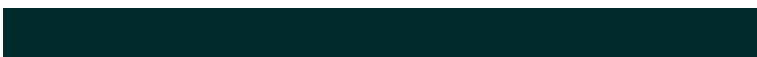
41.6642, 45.2354, 70.1564



12.7922, 14.1079, 15.9863



21.8703, 32.0035, 43.4744



1.3191, 1.9303, 2.6222

Inverse Universe

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



44.1449, 38.3124, 33.9247



61.0019, 50.1771, 41.2161



49.7490, 49.5208, 35.7917



12.4233, 12.4208, 12.9035



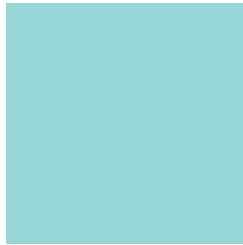
16.7620, 8.6411, 0.7846



1.0110, 0.5212, 0.0474

Previews

White Background



This preview shows how the XYZ color 48.7618, 59.4322, 72.5199 looks on a white background.

Color Contrast Check

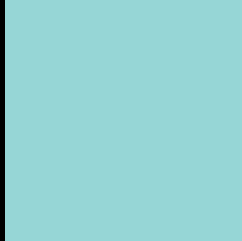
Large Text (above 18pt) WCAG AA × Fail

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 48.7618, 59.4322, 72.5199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

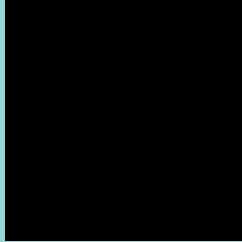
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.7618, 59.4322, 72.5199

Background



This preview shows how black text looks on a background with the XYZ color 48.7618, 59.4322, 72.5199.



This preview shows how white text looks on a background with the XYZ color 48.7618, 59.4322,

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

48.7618, 59.4322, 72.5199

Protanopia

56.9291, 59.0669, 66.7931

Deuteranopia

60.1264, 58.8380, 74.5175



Tritanopia

50.8232, 59.5164, 82.9379

Trichromacy



Original Color

48.7618, 59.4322, 72.5199

Protanomaly

53.3471, 58.9364, 68.8858

Deuteranomaly

55.3662, 58.7980, 74.0767

Tritanomaly

50.1977, 59.6457, 79.3881

Monochromacy



Original Color

48.7618, 59.4322, 72.5199

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.3716, 56.0890, 64.0485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7618, 59.4322, 72.5199 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(150, 214, 214)` looks like.

```
.text, #text, p{  
    color:rgb(150, 214, 214)  
}
```

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(150, 214, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 214, 214) }
```

Border

The CSS property to change the border of an element to XYZ 48.7618, 59.4322, 72.5199 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(150, 214, 214) }
```


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

```
.border{ border-color:rgb(150, 214, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 214, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 214, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 214, 214);  
box-shadow:4px 4px 4px 4px rgb(150, 214,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7618, 59.4322, 72.5199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 214, 214) }
```

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

```
.background{ background-color: rgb(150,  
214, 214) }
```

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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