

Converting Colors

XYZ(48.5940, 58.8871, 71.3003)

Have a look what the booklet for
XYZ(48.5940, 58.8871, 71.3003)
contains.

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Color

**XYZ(48.6268, 59.0174,
71.1159)**

Conversions

Conversions Part 1

Format	Color
Hex	98D5D4
RGB	152, 213, 212
RGB Percent	60%, 84%, 83%
CMY	0.4039, 0.1647, 0.1686
CMYK	0.29, 0.00, 0.00, 0.16
HSL	179°, 42%, 72%
HSV	179°, 29%, 84%
XYZ	48.6268, 59.0174, 71.1159
YIQ	194.6470, -36.0350, -13.2430

Conversions

Conversions Part 2

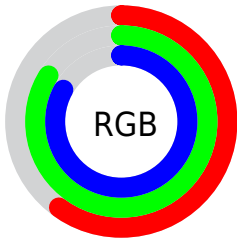
Format	Color
RYB	152, 183, 213
Decimal	10016212
CIELab	81.30, -19.50, -5.77
CIELCh	81, 20.338, 196.469
Yxy	59.0174, 0.2720, 0.3301
Android (android.graphics.Color)	4288206292 (0xFF98D5D4)
YUV	194.6470, 8.5550, -37.4014
Hunter-Lab	76.8228, -21.4541, -1.1096

Details

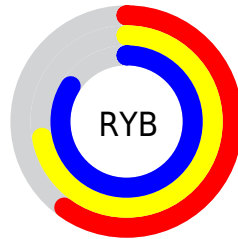
The XYZ color **48.6268, 59.0174, 71.1159** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.4207, 38.9042, 35.3074**, and the grayscale version is **51.6293, 54.3180, 59.1523**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **23.3497, 29.4847, 36.3587** is the 20% darker color. If you saturate the color by 10%, you get **44.9490, 57.1280, 70.7147**, and if you desaturate by 10%, it is **53.0240, 61.2806, 71.5538**.

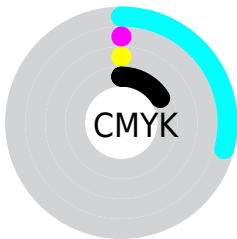
Distribution



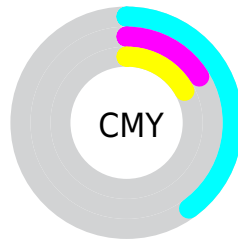
- Red (60%)
- Green (84%)
- Blue (83%)



- Red (60%)
- Yellow (72%)
- Blue (84%)



- Cyan (29%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)




- Cyan (40%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.6268, 59.0174, 71.1159 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 48.6268, 59.0174, 71.1159 by changing the saturation by 10% instead.


 48.6268, 59.0174,
71.1159


 48.6268, 59.0174,
71.1159


371.8126,
420.9664, 483.3531

 34.5368, 42.6271,
51.9544


 87.3410, 103.4030,
122.4947

 23.4712, 29.5927,
36.5867


 112.6959,
132.1670, 155.5491

 15.0644, 19.5296,
24.5944


142.5365,
165.8245, 194.0715

 8.9512, 12.0536,
15.5589

177.2282,
204.7597, 238.4805

 4.7662, 6.7802,
9.0616

217.1363,
249.3571, 289.1946

 2.1441, 3.3250,
4.6840

262.6262,

 0.7130, 1.3037,

300.0011, 346.6324

2.0076

314.0632,
357.0761, 411.2124

■ 0.0000, 0.1440,
0.5599

■ 0.0000, 0.0000,
0.0000

■ 48.6268, 59.0174,
71.1159

■ 48.6268, 59.0174,
71.1159

■ 44.9490, 57.1280,
70.7147

■ 53.0240, 61.2806,
71.5538

■ 41.9472, 55.5856,
70.3444

■ 58.1710, 63.9289,
72.0260

■ 39.5811, 54.3709,
70.0043

■ 64.1026, 66.9816,
72.5354

■ 37.8043, 53.4600,
69.6923

■ 70.8499, 70.4548,
73.0836

36.5638, 52.8255,
69.4059

77.1412, 73.6930,
73.6108

35.7972, 52.4354,
69.1422

77.1860, 73.7108,
73.8463

35.4085, 52.2401,
68.8967

77.2308, 73.7288,
74.0822

35.3663, 52.2190,
68.8638

77.2757, 73.7467,
74.3187

77.3207, 73.7647,
74.5556

Harmonies

Analogous

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



48.5284, 59.0174, 58.9454



48.6268, 59.0174, 71.1159



50.6593, 59.0174, 82.7370

Triad

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



48.6268, 59.0174, 71.1159



62.2211, 59.0174, 81.7382



58.0253, 59.0174, 44.1104

Complementary

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



48.6268, 59.0174, 71.1159



44.4207, 38.9042, 35.3074

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.



61.9046, 59.0174, 48.7614



48.6268, 59.0174, 71.1159



64.4083, 59.0174, 69.8847

Square

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



48.6268, 59.0174, 71.1159



58.4397, 59.0174, 89.3789



64.2896, 59.0174, 57.8594



53.8124, 59.0174, 44.3522

Rectangle

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



48.6268, 59.0174, 71.1159



52.8989, 59.0174, 88.1577



64.2896, 59.0174, 57.8594



59.4158, 59.0174, 45.1256

Sweetspot

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



48.6285, 59.0198, 71.1173



87.0443, 95.8799, 108.2086



42.6035, 56.6319, 38.3925



18.3738, 20.3899, 23.1381



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.



48.6285, 59.0198, 71.1173



69.7938, 87.0063, 106.5247



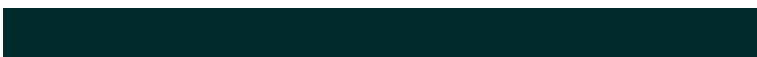
42.0011, 45.5619, 69.5342



12.7830, 14.1042, 15.9376



21.6064, 31.8979, 42.0843



1.3061, 1.9251, 2.5535

Inverse Universe

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



44.4207, 38.9042, 35.3074



62.5278, 52.2681, 44.6872



49.7325, 49.6599, 36.6710



12.4315, 12.4241, 12.9463



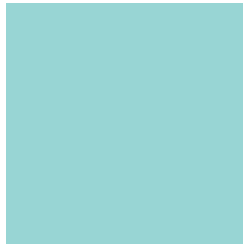
16.7773, 8.6472, 0.8655



1.0149, 0.5228, 0.0679

Previews

White Background



This preview shows how the XYZ color 48.6268, 59.0174, 71.1159 looks on a white background.

Color Contrast Check

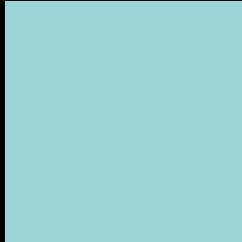
Large Text (above 18pt) WCAG AA × Fail

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 48.6268, 59.0174, 71.1159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

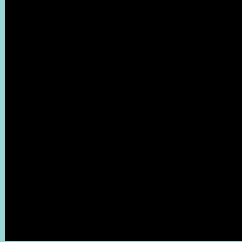
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.6268, 59.0174, 71.1159

Background



This preview shows how black text looks on a background with the XYZ color 48.6268, 59.0174, 71.1159.

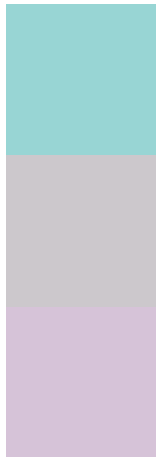


This preview shows how white text looks on a background with the XYZ color 48.6268, 59.0174,

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

48.6268, 59.0174, 71.1159

Protanopia

56.4552, 58.5056, 65.4439

Deuteranopia

59.6413, 58.2842, 73.0723



Tritanopia

51.0082, 59.2579, 82.1483

Trichromacy



Original Color

48.6268, 59.0174, 71.1159

Protanomaly

53.1014, 58.4819, 67.5209

Deuteranomaly

54.8721, 58.2237, 72.6362

Tritanomaly

50.2459, 59.3295, 77.9107

Monochromacy



Original Color

48.6268, 59.0174, 71.1159

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.2536, 56.0418, 63.4268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6268, 59.0174, 71.1159 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(152, 213, 212)` looks like.

```
.text, #text, p{  
    color:rgb(152, 213, 212)  
}
```

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(152, 213, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 213, 212) }
```

Border

The CSS property to change the border of an element to XYZ 48.6268, 59.0174, 71.1159 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(152, 213, 212) }
```


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

```
.border{ border-color:rgb(152, 213, 212) }
```

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

Here you see how a box with a 4 pixel rgb(152, 213, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 213, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 213, 212);  
box-shadow:4px 4px 4px 4px rgb(152, 213,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6268, 59.0174, 71.1159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 213, 212) }
```

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

```
.background{ background-color: rgb(152,  
213, 212) }
```

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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