

Converting Colors

XYZ(50.1251, 59.4175, 71.1142)

Have a look what the booklet for
XYZ(50.1251, 59.4175, 71.1142)
contains.

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Color

**XYZ(50.1251, 59.4175,
71.1142)**

Conversions

Conversions Part 1

Format	Color
Hex	A1D4D4
RGB	161, 212, 212
RGB Percent	63%, 83%, 83%
CMY	0.3686, 0.1686, 0.1686
CMYK	0.24, 0.00, 0.00, 0.17
HSL	180°, 37%, 73%
HSV	180°, 24%, 83%
XYZ	50.1251, 59.4175, 71.1142
YIQ	196.7510, -30.3960, -10.8120

Conversions

Conversions Part 2

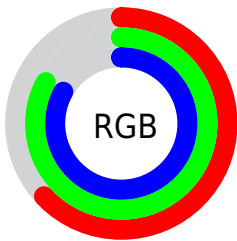
Format	Color
RYB	161, 187, 212
Decimal	10605780
CIELab	81.52, -16.38, -5.39
CIELCh	82, 17.246, 198.198
Yxy	59.4175, 0.2775, 0.3289
Android (android.graphics.Color)	4288795860 (0xFFA1D4D4)
YUV	196.7510, 7.5178, -31.3536
Hunter-Lab	77.0827, -18.8205, -0.7412

Details

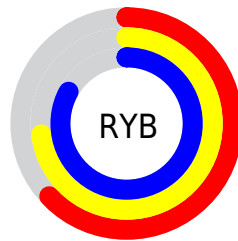
The XYZ color **50.1251, 59.4175, 71.1142** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.3314, 42.0617, 39.3974**, and the grayscale version is **52.8914, 55.6459, 60.5984**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **24.3271, 29.7364, 36.3558** is the 20% darker color. If you saturate the color by 10%, you get **46.2101, 57.4008, 70.9315**, and if you desaturate by 10%, it is **54.7679, 61.8125, 71.3335**.

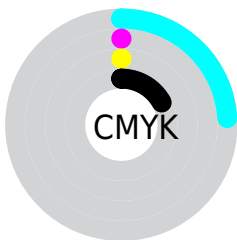
Distribution



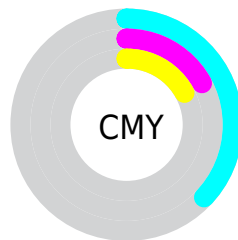
- Red (63%)
- Green (83%)
- Blue (83%)



- Red (63%)
- Yellow (73%)
- Blue (83%)



- Cyan (24%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (37%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1251, 59.4175, 71.1142 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 50.1251, 59.4175, 71.1142 by changing the saturation by 10% instead.

■ 50.1251, 59.4175,
71.1142

■ 50.1251, 59.4175,
71.1142

377.5989,
422.4474, 483.3470

■ 35.7310, 42.9493,
51.9530

■ 89.5509, 103.9842,
122.4923

■ 24.3957, 29.8453,
36.5856

■ 115.3134,
132.8515, 155.5463

■ 15.7537, 19.7212,
24.5936

145.5960,
166.6206, 194.0682

■ 9.4398, 12.1926,
15.5582

180.7641,
205.6760, 238.4767

■ 5.0885, 6.8750,
9.0611

221.1831,
250.4019, 289.1903

■ 2.3346, 3.3840,
4.6837

267.2183,

■ 0.8123, 1.3354,

301.1829, 346.6275

2.0074

319.2351,
358.4032, 411.2069

■ 0.0000, 0.1683,
0.5598

■ 0.0000, 0.0000,
0.0000

■ 50.1251, 59.4175,
71.1142

■ 50.1251, 59.4175,
71.1142

■ 46.2101, 57.4008,
70.9315

■ 54.7679, 61.8125,
71.3335

■ 42.9813, 55.7363,
70.7797

■ 60.1673, 64.5959,
71.5869

■ 40.4006, 54.4059,
70.6582

■ 66.3568, 67.7867,
71.8773

■ 38.4243, 53.3871,
70.5650

■ 73.3663, 71.4002,
72.2061

■ 37.0032, 52.6545,
70.4977

■ 76.6691, 73.1029,
72.3614

■ 36.0806, 52.1789,
70.4538

■ 76.6692, 73.1029,
72.3621

■ 35.5875, 51.9247,
70.4300

■ 76.6694, 73.1030,
72.3628

■ 35.4273, 51.8422,
70.4221

■ 76.6695, 73.1030,
72.3636

■ 76.6696, 73.1031,
72.3643

Harmonies

Analogous

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



49.9399, 59.4175, 60.7088



50.1251, 59.4175, 71.1142



51.9668, 59.4175, 80.6995

Triad

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



50.1251, 59.4175, 71.1142



61.8165, 59.4175, 78.8930



57.9082, 59.4175, 47.0998

Complementary

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



50.1251, 59.4175, 71.1142



46.3314, 42.0617, 39.3974

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.



61.2357, 59.4175, 50.9610



50.1251, 59.4175, 71.1142



63.5557, 59.4175, 68.8531

Square

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



50.1251, 59.4175, 71.1142



58.6734, 59.4175, 85.5101



63.3388, 59.4175, 58.6752



54.3313, 59.4175, 47.5666

Rectangle

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



50.1251, 59.4175, 71.1142



53.9321, 59.4175, 84.9955



63.3388, 59.4175, 58.6752



59.0957, 59.4175, 47.9162

Sweetspot

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



50.1268, 59.4199, 71.1156



88.7850, 96.7703, 108.6060



44.8481, 57.3283, 42.4211



18.8940, 20.6563, 23.2410



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.



50.1268, 59.4199, 71.1156



72.8772, 88.5696, 107.8591



44.4280, 48.0218, 69.2176



12.7922, 14.1079, 15.9862



21.8701, 32.0034, 43.4733



1.3191, 1.9303, 2.6221

Inverse Universe

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



46.3314, 42.0617, 39.3974



66.1201, 57.6665, 51.3909



51.0718, 51.5429, 40.9764



12.4233, 12.4208, 12.9035



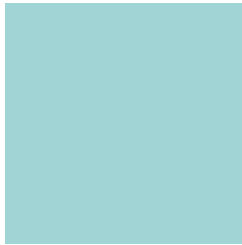
16.7620, 8.6411, 0.7847



1.0110, 0.5212, 0.0474

Previews

White Background



This preview shows how the XYZ color 50.1251, 59.4175, 71.1142 looks on a white background.

Color Contrast Check

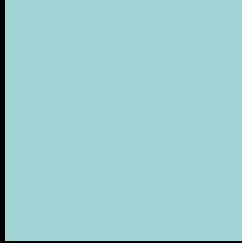
Large Text (above 18pt) WCAG AA × Fail

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 50.1251, 59.4175, 71.1142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

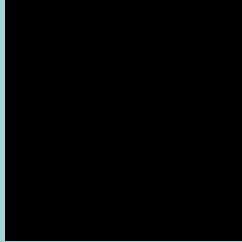
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.1251, 59.4175, 71.1142

Background



This preview shows how black text looks on a background with the XYZ color 50.1251, 59.4175, 71.1142.

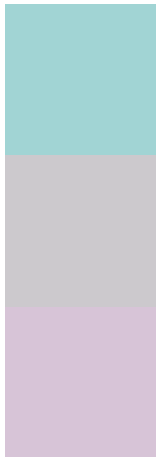


This preview shows how white text looks on a background with the XYZ color 50.1251, 59.4175,

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

50.1251, 59.4175, 71.1142

Protanopia

56.8079, 59.0184, 66.1552

Deuteranopia

60.0300, 58.8332, 72.4820



Tritanopia

52.2216, 59.5318, 81.4115

Trichromacy



Original Color

50.1251, 59.4175, 71.1142

Protanomaly

53.9555, 58.9081, 68.2011

Deuteranomaly

55.7638, 58.6982, 72.0091

Tritanomaly

51.5833, 59.6490, 77.9019

Monochromacy



Original Color

50.1251, 59.4175, 71.1142

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.5484, 56.6957, 64.1036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1251, 59.4175, 71.1142 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(161, 212, 212)` looks like.

```
.text, #text, p{  
    color:rgb(161, 212, 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(161, 212, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 212, 212) }
```

Border

The CSS property to change the border of an element to XYZ 50.1251, 59.4175, 71.1142 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(161, 212, 212) }
```


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

```
.border{ border-color:rgb(161, 212, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 212, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 212, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 212, 212);  
box-shadow:4px 4px 4px 4px rgb(161, 212,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1251, 59.4175, 71.1142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 212, 212) }
```

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

```
.background{ background-color: rgb(161,  
212, 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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