

Converting Colors

XYZ(50.2910, 59.1443, 71.0547)

Have a look what the booklet for
XYZ(50.2910, 59.1443, 71.0547)
contains.

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Color

**XYZ(50.2822, 59.1285,
71.0501)**

Conversions

Conversions Part 1

Format	Color
Hex	A3D3D4
RGB	163, 211, 212
RGB Percent	64%, 83%, 83%
CMY	0.3608, 0.1725, 0.1686
CMYK	0.23, 0.00, 0.00, 0.17
HSL	181°, 36%, 74%
HSV	181°, 23%, 83%
XYZ	50.2822, 59.1285, 71.0501
YIQ	196.7620, -28.9290, -9.8650

Conversions

Conversions Part 2

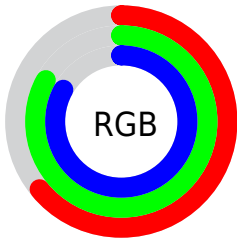
Format	Color
RYB	163, 187, 212
Decimal	10736596
CIELab	81.36, -15.28, -5.61
CIELCh	81, 16.276, 200.152
Yxy	59.1285, 0.2786, 0.3277
Android (android.graphics.Color)	4288926676 (0xFFA3D3D4)
YUV	196.7620, 7.5123, -29.6093
Hunter-Lab	76.8951, -17.8440, -0.9567

Details

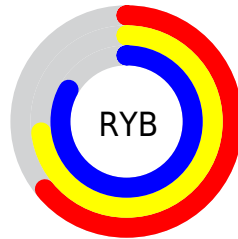
The XYZ color **50.2822, 59.1285, 71.0501** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.0383, 43.1926, 40.5094**, and the grayscale version is **52.8974, 55.6522, 60.6052**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **24.4047, 29.5263, 36.3112** is the 20% darker color. If you saturate the color by 10%, you get **46.1935, 56.8633, 70.8293**, and if you desaturate by 10%, it is **55.1023, 61.7742, 71.3077**.

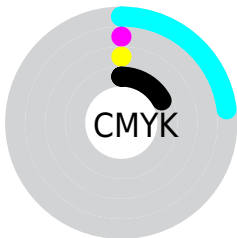
Distribution



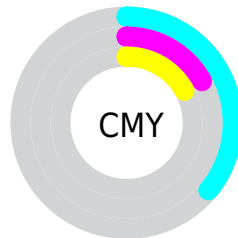
- Red (64%)
- Green (83%)
- Blue (83%)



- Red (64%)
- Yellow (73%)
- Blue (83%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (36%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.2822, 59.1285, 71.0501 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 50.2822, 59.1285, 71.0501 by changing the saturation by 10% instead.

■ 50.2822, 59.1285,
71.0501

■ 50.2822, 59.1285,
71.0501

378.2023,
421.3779, 483.1169

■ 35.8564, 42.7166,
51.9010

■ 89.7822, 103.5644,
122.4002

■ 24.4929, 29.6628,
36.5445

■ 115.5871,
132.3572, 155.4382

■ 15.8264, 19.5828,
24.5620

145.9157,
166.0457, 193.9430

■ 9.4914, 12.0921,
15.5350

181.1334,
205.0143, 238.3331

■ 5.1228, 6.8065,
9.0449

221.6055,
249.6474, 289.0270

■ 2.3550, 3.3414,
4.6733

267.6975,

■ 0.8226, 1.3124,

300.3295, 346.4432

2.0015

319.7746,
357.4449, 411.0004

■ 0.0000, 0.1508,
0.5562

■ 0.0000, 0.0000,
0.0000

■ 50.2822, 59.1285,
71.0501

■ 50.2822, 59.1285,
71.0501

■ 46.1935, 56.8633,
70.8293

■ 55.1023, 61.7742,
71.3077

■ 42.7948, 54.9527,
70.6397

■ 60.6823, 64.8106,
71.5997

■ 40.0484, 53.3788,
70.4806

■ 67.0555, 68.2564,
71.9289

■ 37.9111, 52.1193,
70.3502

■ 74.2519, 72.1269,
72.2967

■ 36.3341, 51.1491,
70.2460

■ 76.9588, 73.6834,
72.4544

■ 35.2617, 50.4394,
70.1656

■ 77.0676, 73.9010,
72.4907

■ 34.6263, 49.9555,
70.1057

■ 77.1766, 74.1191,
72.5271

■ 34.3633, 49.7125,
70.0726

■ 77.2860, 74.3379,
72.5635

■ 77.3957, 74.5572,
72.6001

Harmonies

Analogous

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



50.0005, 59.1285, 61.2307



50.2822, 59.1285, 71.0501



52.1134, 59.1285, 79.8547

Triad

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



50.2822, 59.1285, 71.0501



61.3709, 59.1285, 77.1409



57.3257, 59.1285, 47.6369

Complementary

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



50.2822, 59.1285, 71.0501



47.0383, 43.1926, 40.5094

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.



60.4946, 59.1285, 51.0475



50.2822, 59.1285, 71.0501



62.8915, 59.1285, 67.6373

Square

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



50.2822, 59.1285, 71.0501



58.4827, 59.1285, 83.6096



62.5645, 59.1285, 58.1426



53.9772, 59.1285, 48.3524

Rectangle

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



50.2822, 59.1285, 71.0501



54.0089, 59.1285, 83.6500



62.5645, 59.1285, 58.1426



58.4493, 59.1285, 48.3245

Sweetspot

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



50.2839, 59.1309, 71.0514



88.6694, 96.5388, 108.5682



45.3332, 57.5483, 43.7551



18.8671, 20.6025, 23.2322



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.



50.2839, 59.1309, 71.0514



73.0196, 87.9573, 107.7367



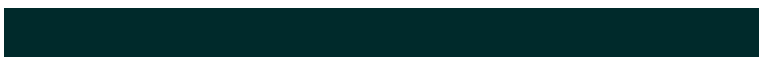
44.6923, 47.9477, 69.1876



12.7695, 14.0625, 15.9788



21.2235, 30.7087, 43.2619



1.2871, 1.8663, 2.6117

Inverse Universe

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



52.0078, 44.8959, 67.5554



76.1144, 62.5018, 101.4382



51.8143, 52.7444, 42.1014



12.9416, 12.6281, 15.6328



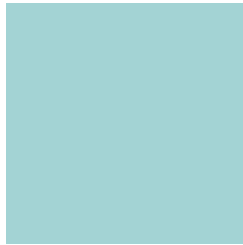
23.7715, 11.4449, 37.6962



1.4373, 0.6917, 2.2924

Previews

White Background



This preview shows how the XYZ color 50.2822, 59.1285, 71.0501 looks on a white background.

Color Contrast Check

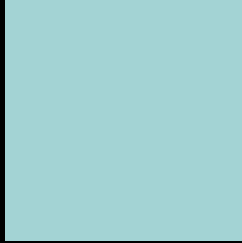
Large Text (above 18pt) WCAG AA × Fail

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 50.2822, 59.1285, 71.0501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

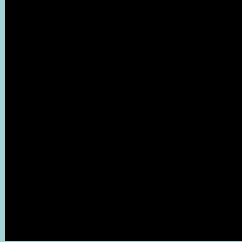
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.2822, 59.1285, 71.0501

Background



This preview shows how black text looks on a background with the XYZ color 50.2822, 59.1285, 71.0501.

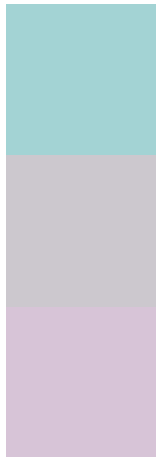


This preview shows how white text looks on a background with the XYZ color 50.2822, 59.1285,

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

50.2822, 59.1285, 71.0501

Protanopia

56.6967, 58.6022, 66.7156

Deuteranopia

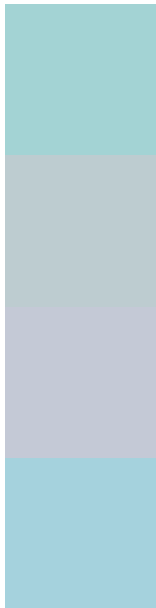
60.0300, 58.8332, 72.4820



Tritanopia

52.2538, 59.1989, 80.6240

Trichromacy



Original Color

50.2822, 59.1285, 71.0501

Protanomaly

53.9643, 58.5586, 68.1332

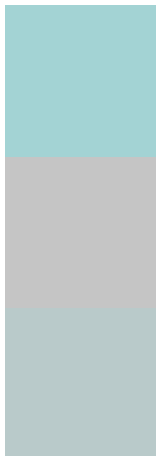
Deuteranomaly

55.7892, 58.3641, 71.9433

Tritanomaly

51.6148, 59.3130, 77.1348

Monochromacy



Original Color

50.2822, 59.1285, 71.0501

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.7888, 56.8196, 64.1148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2822, 59.1285, 71.0501 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(163, 211, 212)` looks like.

```
.text, #text, p{  
    color:rgb(163, 211, 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(163, 211, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 211, 212) }
```

Border

The CSS property to change the border of an element to XYZ 50.2822, 59.1285, 71.0501 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(163, 211, 212) }
```


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

```
.border{ border-color:rgb(163, 211, 212) }
```

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

Here you see how a box with a 4 pixel rgb(163, 211, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 211, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 211, 212);  
box-shadow:4px 4px 4px 4px rgb(163, 211,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2822, 59.1285, 71.0501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 211, 212) }
```

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

```
.background{ background-color: rgb(163,  
211, 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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