

Converting Colors

XYZ(51.6507, 58.6755, 75.0086)

Have a look what the booklet for
XYZ(51.6507, 58.6755, 75.0086)
contains.

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Color

**XYZ(51.5730, 58.6087,
74.9241)**

Conversions

Conversions Part 1

Format	Color
Hex	A9D0DA
RGB	169, 208, 218
RGB Percent	66%, 82%, 85%
CMY	0.3372, 0.1843, 0.1451
CMYK	0.22, 0.05, 0.00, 0.15
HSL	192°, 40%, 76%
HSV	192°, 22%, 85%
XYZ	51.5730, 58.6087, 74.9241
YIQ	197.4790, -26.4540, -5.1580

Conversions

Conversions Part 2

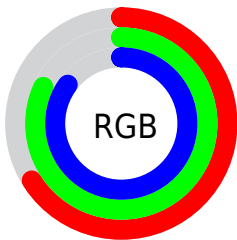
Format	Color
RYB	169, 191, 218
Decimal	11129050
CIELab	81.08, -10.61, -9.20
CIElCh	81, 14.045, 220.909
Yxy	58.6087, 0.2786, 0.3166
Android (android.graphics.Color)	4289319130 (0xFFA9D0DA)
YUV	197.4790, 10.1169, -24.9761
Hunter-Lab	76.5563, -13.7251, -4.4365

Details

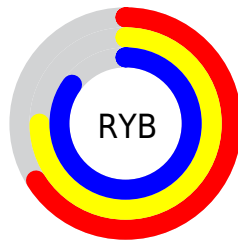
The XYZ color **51.5730, 58.6087, 74.9241** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.1957, 50.0106, 44.4395**, and the grayscale version is **53.3141, 56.0905, 61.0826**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **25.3689, 29.4685, 39.0012** is the 20% darker color. If you saturate the color by 10%, you get **46.2116, 54.2588, 74.3680**, and if you desaturate by 10%, it is **57.7481, 63.4262, 75.5295**.

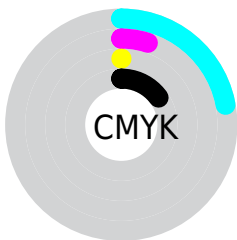
Distribution



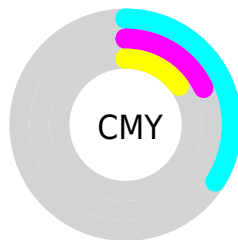
- Red (66%)
- Green (82%)
- Blue (85%)



- Red (66%)
- Yellow (75%)
- Blue (85%)



- Cyan (22%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (34%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5730, 58.6087, 74.9241 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 51.5730, 58.6087, 74.9241 by changing the saturation by 10% instead.

■ 51.5730, 58.6087,
74.9241

■ 51.5730, 58.6087,
74.9241

383.1370,
419.4503, 496.9051

■ 36.8877, 42.2982,
55.0494

■ 91.6792, 102.8087,
127.9510

■ 25.2938, 29.3349,
39.0424

117.8308,
131.4671, 161.9403

■ 16.4260, 19.3343,
26.4846

148.5352,
165.0101, 201.4715

■ 9.9189, 11.9121,
16.9575

184.1578,
203.8223, 246.9631

■ 5.4071, 6.6838,
10.0426

225.0639,
248.2880, 298.8338

■ 2.5252, 3.2652,
5.3212

271.6189,

■ 0.9080, 1.2717,

298.7917, 357.5019

2.3749

324.1882,
355.7176, 423.3862

■ 0.0000, 0.1191,
0.7727

■ 0.0000, 0.0000,
0.0000

■ 51.5730, 58.6087,
74.9241

■ 51.5730, 58.6087,
74.9241

■ 46.2116, 54.2588,
74.3680

■ 57.7481, 63.4262,
75.5295

■ 41.6197, 50.3490,
73.8554

■ 64.7677, 68.7231,
76.1819

■ 37.7570, 46.8594,
73.3854

■ 72.6677, 74.5196,
76.8844

■ 34.5770, 43.7659,
72.9559

■ 81.0360, 80.6038,
77.6177

■ 32.0279, 41.0413,
72.5643

■ 82.2598, 83.0515,
78.0256

■ 30.0501, 38.6544,
72.2079

■ 83.5153, 85.5624,
78.4441

■ 28.5718, 36.5680,
71.8831

■ 84.8025, 88.1369,
78.8732

■ 27.6989, 35.1496,
71.6553

■ 86.1219, 90.7756,
79.3130

■ 87.4735, 93.4788,
79.7635

Harmonies

Analogous

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



50.3772, 58.6087, 66.9037



51.5730, 58.6087, 74.9241



53.8911, 58.6087, 80.2324

Triad

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



51.5730, 58.6087, 74.9241



61.1768, 58.6087, 69.2150



54.6510, 58.6087, 49.3040

Complementary

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



51.5730, 58.6087, 74.9241



52.1957, 50.0106, 44.4395

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.



57.5608, 58.6087, 49.8053



51.5730, 58.6087, 74.9241



61.3975, 58.6087, 60.8227

Square

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



51.5730, 58.6087, 74.9241



59.4606, 58.6087, 76.7427



60.0537, 58.6087, 53.8620



52.1125, 58.6087, 52.4272

Rectangle

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



51.5730, 58.6087, 74.9241



55.7948, 58.6087, 81.2637



60.0537, 58.6087, 53.8620



55.6169, 58.6087, 49.0617

Sweetspot

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



51.5747, 58.6111, 74.9254



87.6343, 94.4686, 108.2232



49.5513, 61.8256, 51.8651



18.6267, 20.1216, 23.1521



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.



51.5747, 58.6111, 74.9254



69.7773, 80.5602, 106.4798



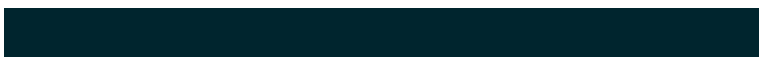
46.0966, 47.6548, 73.0994



13.2075, 14.3548, 16.7268



16.6730, 21.2155, 42.9546



1.1384, 1.4908, 2.8022

Inverse Universe

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



54.4880, 47.8369, 66.0387



74.7006, 62.7891, 91.3641



57.5029, 60.6249, 46.2086



13.4946, 13.2269, 15.8659



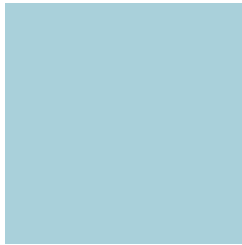
21.9111, 10.7655, 24.9756



1.4489, 0.7092, 1.7727

Previews

White Background



This preview shows how the XYZ color 51.5730, 58.6087, 74.9241 looks on a white background.

Color Contrast Check

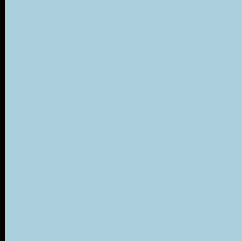
Large Text (above 18pt) WCAG AA × Fail

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 51.5730, 58.6087, 74.9241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

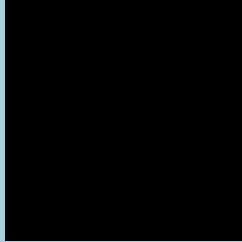
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5730, 58.6087, 74.9241

Background



This preview shows how black text looks on a background with the XYZ color 51.5730, 58.6087, 74.9241.

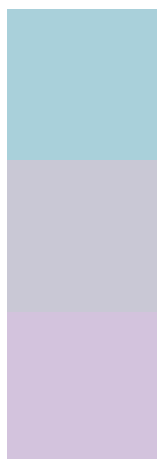


This preview shows how white text looks on a background with the XYZ color 51.5730, 58.6087,

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

51.5730, 58.6087, 74.9241

Protanopia

56.7519, 58.5302, 71.2571

Deuteranopia

59.4302, 58.0996, 76.4886



Tritanopia

52.3449, 58.5535, 79.0641

Trichromacy



Original Color

51.5730, 58.6087, 74.9241

Protanomaly

54.6079, 58.4370, 72.6913

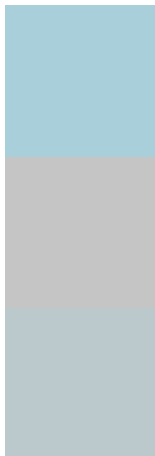
Deuteranomaly

56.3375, 58.2116, 75.9768

Tritanomaly

52.0752, 58.4456, 77.6437

Monochromacy



Original Color

51.5730, 58.6087, 74.9241

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.3996, 56.7459, 65.9489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5730, 58.6087, 74.9241 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(169, 208, 218)` looks like.

```
.text, #text, p{  
    color:rgb(169, 208, 218)  
}
```

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(169, 208, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 208, 218) }
```

Border

The CSS property to change the border of an element to XYZ 51.5730, 58.6087, 74.9241 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(169, 208, 218) }
```


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

```
.border{ border-color:rgb(169, 208, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 208, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 208, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 208, 218);  
box-shadow:4px 4px 4px 4px rgb(169, 208,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5730, 58.6087, 74.9241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 208, 218) }
```

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

```
.background{ background-color: rgb(169,  
208, 218) }
```

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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