

Converting Colors

XYZ(46.3970, 57.0214, 75.5787)

Have a look what the booklet for
XYZ(46.3970, 57.0214, 75.5787)
contains.

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Color

**XYZ(46.3970, 57.0214,
75.5787)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 89D3DB |
| RGB | 137, 211, 219 |
| RGB Percent | 54%, 83%, 86% |
| CMY | 0.4627, 0.1725, 0.1412 |
| CMYK | 0.37, 0.04, 0.00, 0.14 |
| HSL | 186°, 53%, 70% |
| HSV | 186°, 37%, 86% |
| XYZ | 46.3970, 57.0214, 75.5787 |
| YIQ | 189.7860, -46.6720, -13.2000 |

Conversions

Conversions Part 2

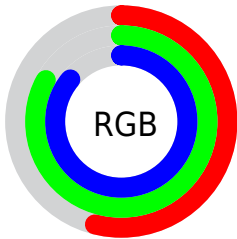
| Format | Color |
|-------------------------------------|--|
| RYB | 137, 176, 219 |
| Decimal | 9032667 |
| CIELab | 80.19, -20.93, -11.24 |
| CIELCh | 80, 23.755, 208.227 |
| Yxy | 57.0214, 0.2592, 0.3186 |
| Android (android.graphics.Color) | 4287222747 (0xFF89D3DB) |
| YUV | 189.7860, 14.4025, -46.2933 |
| Hunter-Lab | 75.5125, -22.4715, -6.4832 |

Details

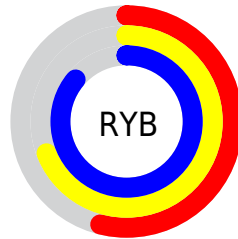
The XYZ color **46.3970, 57.0214, 75.5787** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.8551, 37.1177, 28.5213**, and the grayscale version is **48.7609, 51.3003, 55.8660**.

A 20% lighter version of the original color is **75.8023, 90.0775, 107.9992**, and **22.0690, 28.2511, 39.4118** is the 20% darker color. If you saturate the color by 10%, you get **42.6383, 54.3025, 75.2530**, and if you desaturate by 10%, it is **50.8948, 60.1345, 75.9435**.

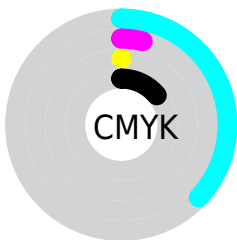
Distribution



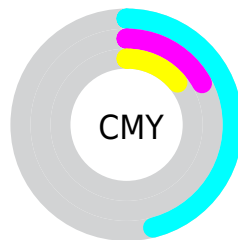
- Red (54%)
- Green (83%)
- Blue (86%)



- Red (54%)
- Yellow (69%)
- Blue (86%)



- Cyan (37%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (46%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.3970, 57.0214, 75.5787 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 46.3970, 57.0214, 75.5787 by changing the saturation by 10% instead.

■ 46.3970, 57.0214,
75.5787

■ 46.3970, 57.0214,
75.5787

363.0917,
413.5295, 499.2127

■ 32.7652, 41.0224,
55.5825

■ 84.0371, 100.4964,
128.8858

■ 22.1050, 28.3366,
39.4666

■ 108.7760,
128.7412, 163.0339

■ 14.0511, 18.5796,
26.8123

■ 137.9480,
161.8368, 202.7363

■ 8.2381, 11.3669,
17.2011

171.9185,
200.1675, 248.4116

■ 4.3008, 6.3142,
10.2145

211.0527,
244.1177, 300.4783

■ 1.8737, 3.0370,
5.4339

255.7161,

■ 0.5615, 1.1511,

294.0719, 359.3551

2.4409

306.2739,
350.4143, 425.4603

■ 0.0000, 0.0212,
0.8086

■ 0.0000, 0.0000,
0.0000

■ 46.3970, 57.0214,
75.5787

■ 46.3970, 57.0214,
75.5787

■ 42.6383, 54.3025,
75.2530

■ 50.8948, 60.1345,
75.9435

■ 39.5691, 51.9481,
74.9603

■ 56.1672, 63.6561,
76.3454

■ 37.1419, 49.9351,
74.6997

■ 62.2536, 67.6079,
76.7873

■ 35.3011, 48.2347,
74.4685

■ 69.1892, 72.0080,
77.2711

■ 33.9811, 46.8131,
74.2637

■ 77.0070, 76.8735,
77.7982

■ 33.0935, 45.6247,
74.0811

■ 80.6337, 79.5891,
78.1312

■ 32.8985, 45.3389,
74.0362

■ 81.2108, 80.7433,
78.3236

■ 81.7951, 81.9120,
78.5184

■ 82.3867, 83.0952,
78.7156

Harmonies

Analogous

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



45.4093, 57.0214, 61.2650



46.3970, 57.0214, 75.5787



49.4387, 57.0214, 87.6407

Triad

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



46.3970, 57.0214, 75.5787



62.5084, 57.0214, 77.2201



54.4858, 57.0214, 39.0565

Complementary

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



46.3970, 57.0214, 75.5787



43.8551, 37.1177, 28.5213

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.



59.2515, 57.0214, 42.0559



46.3970, 57.0214, 75.5787



64.0513, 57.0214, 62.9156

Square

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



46.3970, 57.0214, 75.5787



58.7234, 57.0214, 88.6833



62.8259, 57.0214, 50.3041



49.9096, 57.0214, 41.4226

Rectangle

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



46.3970, 57.0214, 75.5787



52.3187, 57.0214, 92.0368



62.8259, 57.0214, 50.3041



56.1200, 57.0214, 39.4605

Sweetspot

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



46.3987, 57.0236, 75.5800



84.6062, 93.3296, 108.1629



40.6706, 57.9911, 35.3700



17.8555, 19.8119, 23.1329



0.0000, 0.0000, 0.0000



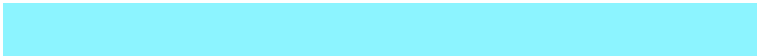
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.3987, 57.0236, 75.5800



61.2003, 77.4030, 106.3224



37.6984, 39.6231, 72.6799



13.3307, 14.6011, 16.7678



19.5520, 26.9735, 43.9143



1.2988, 1.8118, 2.8557

Inverse Universe

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



49.9184, 37.6560, 66.2679



66.9546, 46.6093, 90.9027



51.0441, 51.4958, 30.9176



13.5568, 13.2518, 16.1932



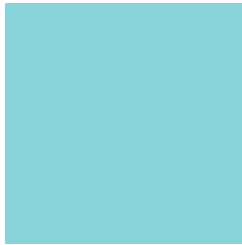
23.3643, 11.3468, 32.6280



1.5299, 0.7416, 2.1993

Previews

White Background



This preview shows how the XYZ color 46.3970, 57.0214, 75.5787 looks on a white background.

Color Contrast Check

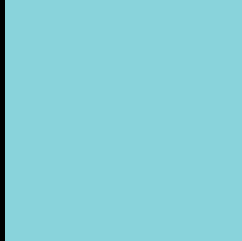
Large Text (above 18pt) WCAG AA × Fail

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 46.3970, 57.0214, 75.5787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

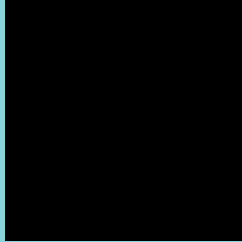
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.3970, 57.0214, 75.5787

Background



This preview shows how black text looks on a background with the XYZ color 46.3970, 57.0214, 75.5787.



This preview shows how white text looks on a background with the XYZ color 46.3970, 57.0214,

75.5787.

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

46.3970, 57.0214, 75.5787

Protanopia

54.8878, 56.5914, 69.0031

Deuteranopia

57.8428, 56.5895, 77.6862



Tritanopia

47.5592, 57.1282, 81.1933

Trichromacy



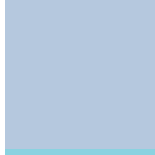
Original Color

46.3970, 57.0214, 75.5787



Protanomaly

51.0353, 56.2753, 71.1232



Deuteranomaly

52.8951, 56.4062, 77.2069



Tritanomaly

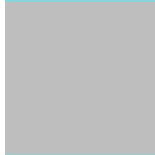
46.9824, 56.8783, 79.0234

Monochromacy



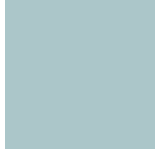
Original Color

46.3970, 57.0214, 75.5787



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

47.5313, 53.2631, 63.0340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.3970, 57.0214, 75.5787 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(137, 211, 219)` looks like.

```
.text, #text, p{  
    color:rgb(137, 211, 219)  
}
```

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(137, 211, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 211, 219) }
```

Border

The CSS property to change the border of an element to XYZ 46.3970, 57.0214, 75.5787 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(137, 211, 219) }
```


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

```
.border{ border-color:rgb(137, 211, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 211, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 211, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 211, 219);  
box-shadow:4px 4px 4px 4px rgb(137, 211,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 46.3970, 57.0214, 75.5787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 211, 219) }
```

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

```
.background{ background-color: rgb(137,  
211, 219) }
```

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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