

Converting Colors

XYZ(44.2775, 57.1257, 69.3170)

Have a look what the booklet for
XYZ(44.2775, 57.1257, 69.3170)
contains.

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Color

**XYZ(44.3076, 57.2086,
69.0287)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7FD6D1 |
| RGB | 127, 214, 209 |
| RGB Percent | 50%, 84%, 82% |
| CMY | 0.5019, 0.1608, 0.1804 |
| CMYK | 0.41, 0.00, 0.02, 0.16 |
| HSL | 177°, 51%, 67% |
| HSV | 177°, 41%, 84% |
| XYZ | 44.3076, 57.2086, 69.0287 |
| YIQ | 187.4170, -50.2470, -19.9990 |

Conversions

Conversions Part 2

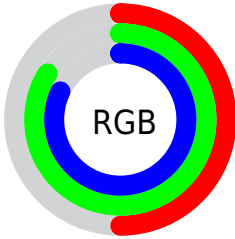
| Format | Color |
|-------------------------------------|---|
| RYB | 127, 172, 214 |
| Decimal | 8378065 |
| CIELab | 80.30, -27.38, -5.78 |
| CIELCh | 80, 27.987, 191.925 |
| Yxy | 57.2086, 0.2598, 0.3354 |
| Android (android.graphics.Color) | 4286568145 (0xFF7FD6D1) |
| YUV | 187.4170, 10.6404, -52.9857 |
| Hunter-Lab | 75.6364, -27.7988, -1.1649 |

Details

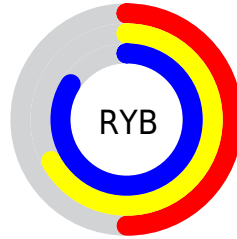
The XYZ color **44.3076, 57.2086, 69.0287** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **39.4878, 31.1425, 25.7618**, and the grayscale version is **47.4331, 49.9033, 54.3447**.

A 20% lighter version of the original color is **73.5772, 88.9303, 107.8951**, and **20.8403, 28.4649, 35.4062** is the 20% darker color. If you saturate the color by 10%, you get **41.3013, 55.6777, 68.0970**, and if you desaturate by 10%, it is **47.9953, 59.0934, 70.0009**.

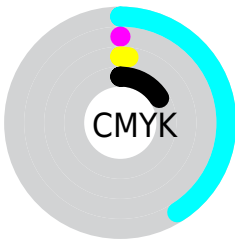
Distribution



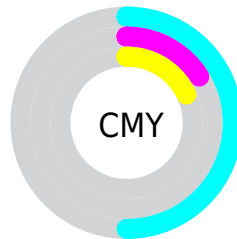
- Red (50%)
- Green (84%)
- Blue (82%)



- Red (50%)
- Yellow (67%)
- Blue (84%)



- Cyan (41%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)



- Cyan (50%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3076, 57.2086, 69.0287 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 44.3076, 57.2086, 69.0287 by changing the saturation by 10% instead.

■ 44.3076, 57.2086,
69.0287

■ 44.3076, 57.2086,
69.0287

354.7931,
414.2305, 475.8289

■ 31.1114, 41.1727,
50.2632

■ 80.9239, 100.7695,
119.4907

■ 20.8359, 28.4541,
35.2499

■ 105.0746,
129.0633, 152.0242

■ 13.1159, 18.6682,
23.5704

■ 133.6076,
162.2119, 189.9841

■ 7.5859, 11.4308,
14.8060

166.8881,
200.5997, 233.7890

■ 3.8807, 6.3574,
8.5382

205.2816,
244.6111, 283.8574

■ 1.6349, 3.0636,
4.3486

249.1533,

■ 0.4150, 1.1650,

294.6304, 340.6078

1.8184

298.8687,
351.0421, 404.4588

■ 0.0000, 0.0329,
0.4401

■ 0.0000, 0.0000,
0.0000

■ 44.3076, 57.2086,
69.0287

■ 44.3076, 57.2086,
69.0287

■ 41.3013, 55.6777,
68.0970

■ 47.9953, 59.0934,
70.0009

■ 38.9282, 54.4718,
67.1998


■ 52.3988, 61.3457,
71.0116


■ 37.1418, 53.5681,
66.3362


■ 57.5562, 63.9865,
72.0637


■ 35.8867, 52.9382,
65.5035


■ 63.5015, 67.0333,
73.1588


 35.0976, 52.5484,
64.6988


 70.2666, 70.5026,
74.2985

 34.6726, 52.3450,
63.9667

 77.7319, 74.3328,
75.4772

 77.8920, 74.3968,
76.3203

 78.0533, 74.4613,
77.1696

 78.2158, 74.5263,
78.0252

Harmonies

Analogous

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



44.5746, 57.2086, 53.0190



44.3076, 57.2086, 69.0287



46.5951, 57.2086, 85.7975

Triad

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



44.3076, 57.2086, 69.0287



62.0603, 57.2086, 88.7902



57.8596, 57.2086, 36.8867

Complementary

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



44.3076, 57.2086, 69.0287



39.4878, 31.1425, 25.7618

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.



62.9761, 57.2086, 43.5246



44.3076, 57.2086, 69.0287



65.5160, 57.2086, 72.5842

Square

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



44.3076, 57.2086, 69.0287



56.6796, 57.2086, 98.4744



65.8625, 57.2086, 56.0056



52.1339, 57.2086, 36.2733

Rectangle

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



44.3076, 57.2086, 69.0287



49.3610, 57.2086, 94.4235



65.8625, 57.2086, 56.0056



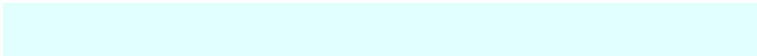
59.7176, 57.2086, 38.4253

Sweetspot

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



44.3093, 57.2109, 69.0300



84.3926, 94.5385, 106.9294



37.5204, 54.5980, 28.6409



17.8376, 20.1194, 22.8426



0.0000, 0.0000, 0.0000



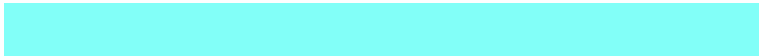
20.3446, 21.4041, 23.3091

Same Dimension

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



44.3093, 57.2109, 69.0300



61.8883, 83.0357, 101.4228



36.4760, 40.5375, 69.5228



12.7599, 14.0950, 15.8161



20.9700, 31.6433, 38.7331



1.2744, 1.9124, 2.3868

Inverse Universe

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



39.4878, 31.1425, 25.7618



53.7615, 39.0514, 28.4592



44.9654, 42.6326, 25.9389



12.4519, 12.4323, 13.0541



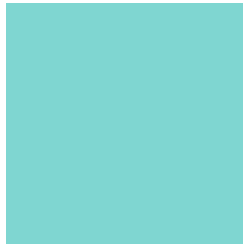
16.8157, 8.6626, 1.0679



1.0247, 0.5267, 0.1192

Previews

White Background



This preview shows how the XYZ color 44.3076, 57.2086, 69.0287 looks on a white background.

Color Contrast Check

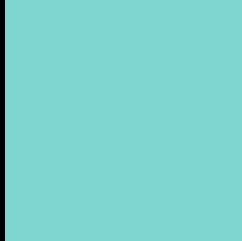
Large Text (above 18pt) WCAG AA × Fail

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 44.3076, 57.2086, 69.0287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

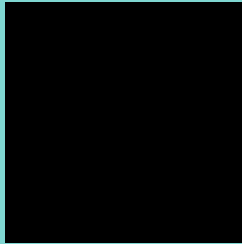
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

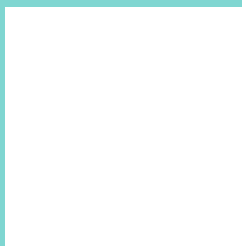
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.3076, 57.2086, 69.0287

Background



This preview shows how black text looks on a background with the XYZ color 44.3076, 57.2086, 69.0287.



This preview shows how white text looks on a background with the XYZ color 44.3076, 57.2086, 69.0287.

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

44.3076, 57.2086, 69.0287

Protanopia

54.3624, 56.4735, 62.0681

Deuteranopia

57.7859, 56.6966, 71.5162



Tritanopia

46.8136, 57.0955, 81.9520

Trichromacy



Original Color

44.3076, 57.2086, 69.0287

Protanomaly

49.5910, 56.0223, 64.6996

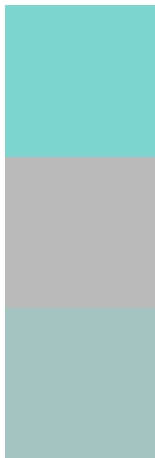
Deuteranomaly

51.5927, 56.2301, 70.4216

Tritanomaly

45.8005, 57.0533, 77.0050

Monochromacy



Original Color

44.3076, 57.2086, 69.0287

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

45.3336, 51.8720, 59.2527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3076, 57.2086, 69.0287 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(127, 214, 209)` looks like.

```
.text, #text, p{  
    color:rgb(127, 214, 209)  
}
```

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(127, 214, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 214, 209) }
```

Border

The CSS property to change the border of an element to XYZ 44.3076, 57.2086, 69.0287 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(127, 214, 209) }
```


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

```
.border{ border-color:rgb(127, 214, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 214, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 214, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 214, 209);  
box-shadow:4px 4px 4px 4px rgb(127, 214,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3076, 57.2086, 69.0287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 214, 209) }
```

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

```
.background{ background-color: rgb(127,  
214, 209) }
```

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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