

Converting Colors

XYZ(43.0131, 57.5404, 58.1296)

Have a look what the booklet for
XYZ(43.0131, 57.5404, 58.1296)
contains.

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Color

**XYZ(43.0131, 57.5404,
58.1296)**

Conversions

Conversions Part 1

Format	Color
Hex	81D8BF
RGB	129, 216, 191
RGB Percent	51%, 85%, 75%
CMY	0.4941, 0.1529, 0.2510
CMYK	0.40, 0.00, 0.12, 0.15
HSL	163°, 53%, 68%
HSV	163°, 40%, 85%
XYZ	43.0131, 57.5404, 58.1296
YIQ	187.1370, -43.8270, -26.2190

Conversions

Conversions Part 2

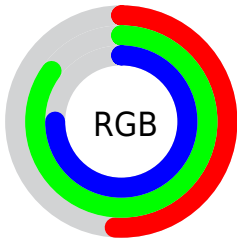
Format	Color
RYB	129, 180, 216
Decimal	8509631
CIELab	80.48, -32.00, 4.10
CIELCh	80, 32.259, 172.694
Yxy	57.5404, 0.2711, 0.3626
Android (android.graphics.Color)	4286699711 (0xFF81D8BF)
YUV	187.1370, 1.9045, -50.9861
Hunter-Lab	75.8554, -31.5301, 7.6636

Details

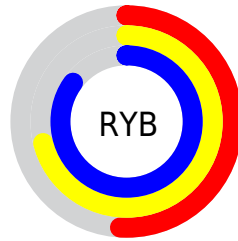
The XYZ color **43.0131, 57.5404, 58.1296** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **42.0039, 32.6341, 34.6593**, and the grayscale version is **47.3200, 49.7843, 54.2151**.

A 20% lighter version of the original color is **72.5561, 88.5497, 101.2634**, and **20.1564, 28.7806, 28.5376** is the 20% darker color. If you saturate the color by 10%, you get **39.4040, 55.7586, 54.4708**, and if you desaturate by 10%, it is **47.3479, 59.6959, 61.9760**.

Distribution



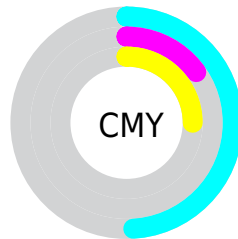
- Red (51%)
- Green (85%)
- Blue (75%)



- Red (51%)
- Yellow (71%)
- Blue (85%)



- Cyan (40%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)





- Cyan (49%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0131, 57.5404, 58.1296 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 43.0131, 57.5404, 58.1296 by changing the saturation by 10% instead.


 43.0131, 57.5404,
58.1296


 43.0131, 57.5404,
58.1296


349.5862,
415.4712, 435.2804


 30.0900, 41.4393,
41.4975


 78.9862, 101.2533,
103.6282

 20.0553, 28.6625,
28.3854


 102.7669,
129.6338, 133.3317

 12.5437, 18.8256,
18.3748


 130.8975,
162.8763, 168.2295

 7.1899, 11.5444,
11.0472

163.7433,
201.3650, 208.7400

 3.6286, 6.4342,
5.9840

201.6698,
245.4845, 255.2818

 1.4942, 3.1109,
2.7667

245.0421,

 0.3219, 1.1899,

295.6191, 308.2735

0.9768

294.2259,
352.1532, 368.1335

■ 0.0000, 0.0534,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.0131, 57.5404,
58.1296

■ 43.0131, 57.5404,
58.1296

■ 39.4040, 55.7586,
54.4708

■ 47.3479, 59.6959,
61.9760

■ 36.4713, 54.3207,
50.9917


■ 52.4441, 62.2391,
66.0098


■ 34.1672, 53.2036,
47.6895


■ 58.3408, 65.1916,
70.2359


■ 32.4352, 52.3782,
44.5595


■ 65.0730, 68.5712,
74.6575


 31.2082, 51.8099,
41.5968


 72.6736, 72.3951,
79.2780

 30.3837, 51.4444,
38.8692

 79.8347, 75.9888,
84.0379

 80.7135, 76.3403,
88.6654

 81.6235, 76.7044,
93.4577

 82.5651, 77.0810,
98.4162

Harmonies

Analogous

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



45.1790, 57.5404, 43.0553



43.0131, 57.5404, 58.1296



43.7690, 57.5404, 77.7922

Triad

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



43.0131, 57.5404, 58.1296



59.7489, 57.5404, 102.6543



62.7723, 57.5404, 37.9018

Complementary

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



43.0131, 57.5404, 58.1296



42.0039, 32.6341, 34.6593

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.



67.2925, 57.5404, 49.6154



43.0131, 57.5404, 58.1296



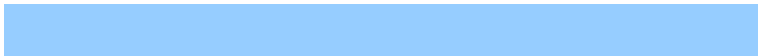
65.4510, 57.5404, 87.4410

Square

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



43.0131, 57.5404, 58.1296



53.0878, 57.5404, 106.2050



68.3103, 57.5404, 67.4025



56.3250, 57.5404, 33.0067

Rectangle

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



43.0131, 57.5404, 58.1296



45.8594, 57.5404, 90.7595



68.3103, 57.5404, 67.4025



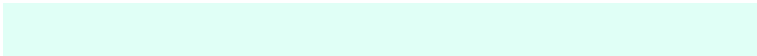
64.5881, 57.5404, 41.0439

Sweetspot

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



43.0147, 57.5427, 58.1309



83.2908, 94.0978, 101.1276



42.0569, 57.6775, 29.6862



17.5769, 20.0152, 21.4698



0.0000, 0.0000, 0.0000



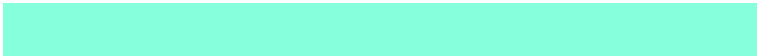
20.3446, 21.4041, 23.3091

Same Dimension

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



43.0147, 57.5427, 58.1309



58.2649, 81.6321, 80.2743



41.7812, 50.2901, 72.4732



12.6330, 14.0442, 15.1476



18.0321, 30.4682, 23.2623



1.1226, 1.8517, 1.5871

Inverse Universe

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



42.0039, 32.6341, 34.6593



56.6198, 40.7445, 41.8163



42.6238, 36.8669, 25.6394



12.5685, 12.4789, 13.6682



17.3184, 8.8637, 3.7147



1.0802, 0.5489, 0.4117

Previews

White Background



This preview shows how the XYZ color 43.0131, 57.5404, 58.1296 looks on a white background.

Color Contrast Check

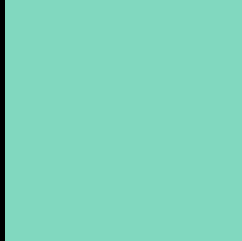
Large Text (above 18pt) WCAG AA × Fail

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 43.0131, 57.5404, 58.1296 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

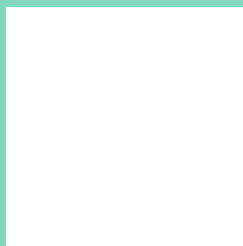
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0131, 57.5404, 58.1296

Background



This preview shows how black text looks on a background with the XYZ color 43.0131, 57.5404, 58.1296.

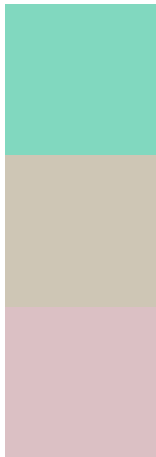


This preview shows how white text looks on a background with the XYZ color 43.0131, 57.5404,

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

43.0131, 57.5404, 58.1296

Protanopia

53.9882, 56.8462, 51.8430

Deuteranopia

58.0269, 56.7449, 60.1191



Tritanopia

47.7791, 57.5932, 81.9972

Trichromacy



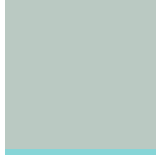
Original Color

43.0131, 57.5404, 58.1296



Protanomaly

48.9484, 56.6304, 54.2498



Deuteranomaly

50.8739, 56.1074, 59.1874



Tritanomaly

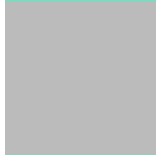
46.0517, 57.6457, 72.9895

Monochromacy



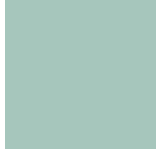
Original Color

43.0131, 57.5404, 58.1296



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

44.9971, 52.1260, 55.2667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0131, 57.5404, 58.1296 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(129, 216, 191)` looks like.

```
.text, #text, p{  
    color:rgb(129, 216, 191)  
}
```

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(129, 216, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 216, 191) }
```

Border

The CSS property to change the border of an element to XYZ 43.0131, 57.5404, 58.1296 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(129, 216, 191) }
```


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

```
.border{ border-color:rgb(129, 216, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 216, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 216, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 216, 191);  
box-shadow:4px 4px 4px 4px rgb(129, 216,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0131, 57.5404, 58.1296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 216, 191) }
```

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

```
.background{ background-color: rgb(129,  
216, 191) }
```

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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