

Converting Colors

XYZ(42.2843, 57.1536, 57.5215)

Have a look what the booklet for
XYZ(42.2843, 57.1536, 57.5215)
contains.

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Color

**XYZ(42.3076, 57.1894,
57.5240)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7DD8BE |
| RGB | 125, 216, 190 |
| RGB Percent | 49%, 85%, 75% |
| CMY | 0.5098, 0.1529, 0.2549 |
| CMYK | 0.42, 0.00, 0.12, 0.15 |
| HSL | 163°, 54%, 67% |
| HSV | 163°, 42%, 85% |
| XYZ | 42.3076, 57.1894, 57.5240 |
| YIQ | 185.8270, -45.8900, -27.3780 |

Conversions

Conversions Part 2

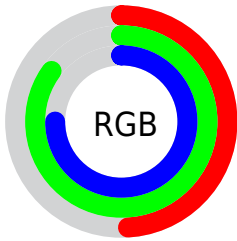
| Format | Color |
|-------------------------------------|--|
| RYB | 125, 178, 216 |
| Decimal | 8247486 |
| CIELab | 80.29, -33.26, 4.33 |
| CIELCh | 80, 33.541, 172.584 |
| Yxy | 57.1894, 0.2694, 0.3642 |
| Android (android.graphics.Color) | 4286437566 (0xFF7DD8BE) |
| YUV | 185.8270, 2.0573, -53.3453 |
| Hunter-Lab | 75.6237, -32.4798, 7.8370 |

Details

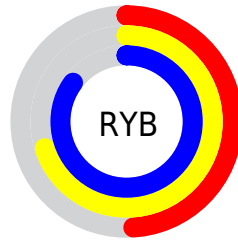
The XYZ color **42.3076, 57.1894, 57.5240** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **41.2404, 31.5021, 33.1873**, and the grayscale version is **46.5839, 49.0099, 53.3718**.

A 20% lighter version of the original color is **71.4506, 87.9976, 100.4082**, and **19.7145, 28.5611, 28.1407** is the 20% darker color. If you saturate the color by 10%, you get **38.8306, 55.4747, 53.9149**, and if you desaturate by 10%, it is **46.5021, 59.2736, 61.3183**.

Distribution



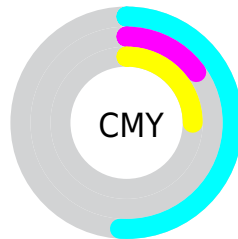
- Red (49%)
- Green (85%)
- Blue (75%)



- Red (49%)
- Yellow (70%)
- Blue (85%)



- Cyan (42%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)





- Cyan (51%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3076, 57.1894, 57.5240 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 42.3076, 57.1894, 57.5240 by changing the saturation by 10% instead.


 42.3076, 57.1894,
57.5240


 42.3076, 57.1894,
57.5240


346.7264,
414.1586, 432.9585


 29.5344, 41.1573,
41.0139


 77.9272, 100.7415,
102.7373

 19.6318, 28.4420,
28.0102


 101.5043,
129.0303, 132.2776

 12.2344, 18.6591,
18.0942


 129.4134,
162.1735, 166.9984

 6.9768, 11.4242,
10.8475

162.0199,
200.5554, 207.3182

 3.4938, 6.3529,
5.8515

199.6890,
244.5605, 253.6556

 1.4200, 3.0609,
2.6877

242.7863,

 0.2704, 1.1636,

294.5731, 306.4291

0.9372

291.6770,
350.9777, 366.0572

■ 0.0000, 0.0317,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 42.3076, 57.1894,
57.5240

■ 42.3076, 57.1894,
57.5240

■ 38.8306, 55.4747,
53.9149

■ 46.5021, 59.2736,
61.3183

■ 36.0209, 54.0993,
50.4832

■ 51.4504, 61.7416,
65.2975

■ 33.8296, 53.0395,
47.2258

■ 57.1922, 64.6153,
69.4666

■ 32.1987, 52.2654,
44.1383

■ 63.7628, 67.9128,
73.8290

■ 31.0583, 51.7410,
41.2154

■ 71.1955, 71.6513,
78.3877

■ 30.4133, 51.4563,
39.0250

■ 79.5216, 75.8469,
83.1461

■ 80.5343, 76.2687,
87.7217

■ 81.4327, 76.6281,
92.4530

■ 82.3624, 76.9999,
97.3484

Harmonies

Analogous

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



44.5471, 57.1894, 42.0370



42.3076, 57.1894, 57.5240



43.0740, 57.1894, 77.9182

Triad

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



42.3076, 57.1894, 57.5240



59.5767, 57.1894, 104.0235



62.7638, 57.1894, 36.8454

Complementary

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



42.3076, 57.1894, 57.5240



41.2404, 31.5021, 33.1873

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.



67.4556, 57.1894, 48.8703



42.3076, 57.1894, 57.5240



65.5103, 57.1894, 88.1324

Square

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



42.3076, 57.1894, 57.5240



52.6735, 57.1894, 107.6963



68.5007, 57.1894, 67.2691



56.0756, 57.1894, 31.8400

Rectangle

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



42.3076, 57.1894, 57.5240



45.2194, 57.1894, 91.4600



68.5007, 57.1894, 67.2691



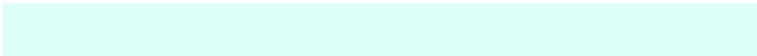
64.6490, 57.1894, 40.0624

Sweetspot

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



42.3092, 57.1917, 57.5253



82.4004, 93.6508, 100.5427



41.2645, 57.2992, 28.2881



17.2220, 19.8372, 21.2269



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.



42.3092, 57.1917, 57.5253



56.8441, 80.9298, 78.8450



41.0023, 49.6168, 72.3843



12.6338, 14.0445, 15.1523



18.0494, 30.4751, 23.3537



1.1235, 1.8520, 1.5921

Inverse Universe

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



41.2404, 31.5021, 33.1873



55.0987, 38.5271, 38.7662



41.8749, 35.7863, 24.1035



12.5677, 12.4786, 13.6638



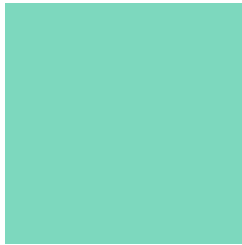
17.3125, 8.8613, 3.6836



1.0798, 0.5487, 0.4094

Previews

White Background



This preview shows how the XYZ color 42.3076, 57.1894, 57.5240 looks on a white background.

Color Contrast Check

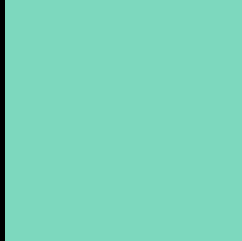
Large Text (above 18pt) WCAG AA × Fail

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 42.3076, 57.1894, 57.5240 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

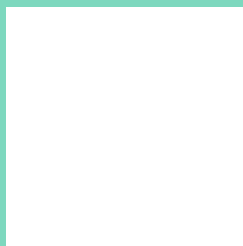
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3076, 57.1894, 57.5240

Background



This preview shows how black text looks on a background with the XYZ color 42.3076, 57.1894, 57.5240.



This preview shows how white text looks on a background with the XYZ color 42.3076, 57.1894,

57.5240.

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

42.3076, 57.1894, 57.5240

Protanopia

53.6581, 56.3496, 51.2285

Deuteranopia

57.6134, 56.5448, 59.5074



Tritanopia

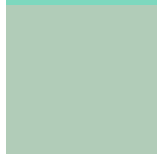
47.2895, 57.3409, 81.9743

Trichromacy



Original Color

42.3076, 57.1894, 57.5240



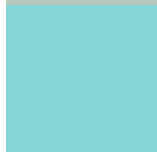
Protanomaly

48.3761, 55.9935, 53.6055



Deuteranomaly

50.2794, 55.8139, 58.5752



Tritanomaly

45.2919, 57.2688, 72.2852

Monochromacy



Original Color

42.3076, 57.1894, 57.5240



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

44.2457, 51.4129, 54.6054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3076, 57.1894, 57.5240 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(125, 216, 190)` looks like.

```
.text, #text, p{  
    color:rgb(125, 216, 190)  
}
```

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(125, 216, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 216, 190) }
```

Border

The CSS property to change the border of an element to XYZ 42.3076, 57.1894, 57.5240 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(125, 216, 190) }
```


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

```
.border{ border-color:rgb(125, 216, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 216, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 216, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 216, 190); box-shadow:4px 4px 4px 4px rgb(125, 216, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3076, 57.1894, 57.5240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 216, 190) }
```

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

```
.background{ background-color: rgb(125,  
216, 190) }
```

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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