

Converting Colors

XYZ(42.9000, 55.8066, 65.6374)

Have a look what the booklet for
XYZ(42.9000, 55.8066, 65.6374)
contains.

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Color

**XYZ(42.9000, 55.8066,
65.6374)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7DD4CC |
| RGB | 125, 212, 204 |
| RGB Percent | 49%, 83%, 80% |
| CMY | 0.5098, 0.1686, 0.2000 |
| CMYK | 0.41, 0.00, 0.04, 0.17 |
| HSL | 174°, 50%, 66% |
| HSV | 174°, 41%, 83% |
| XYZ | 42.9000, 55.8066, 65.6374 |
| YIQ | 185.0750, -49.2840, -20.9320 |

Conversions

Conversions Part 2

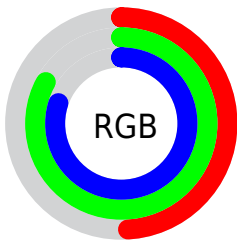
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 125, 171, 212 |
| Decimal | 8246476 |
| CIELab | 79.50, -28.11, -4.29 |
| CIELCh | 80, 28.440, 188.675 |
| Yxy | 55.8066, 0.2610, 0.3396 |
| Android (android.graphics.Color) | 4286436556 (0xFF7DD4CC) |
| YUV | 185.0750, 9.3300, -52.6858 |
| Hunter-Lab | 74.7038, -28.2249, 0.1984 |

Details

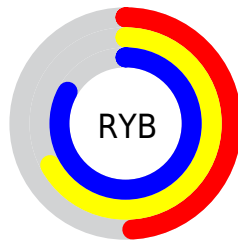
The XYZ color **42.9000, 55.8066, 65.6374** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **38.7205, 30.3593, 26.0115**, and the grayscale version is **46.1265, 48.5287, 52.8477**.

A 20% lighter version of the original color is **73.1014, 88.6851, 107.8728**, and **20.0162, 27.5812, 33.1229** is the 20% darker color. If you saturate the color by 10%, you get **39.8973, 54.2869, 64.2847**, and if you desaturate by 10%, it is **46.5694, 57.6724, 67.0391**.

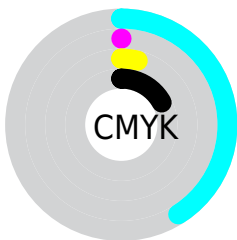
Distribution



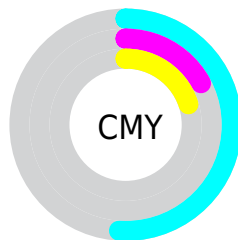
- Red (49%)
- Green (83%)
- Blue (80%)



- Red (49%)
- Yellow (67%)
- Blue (83%)



- Cyan (41%)
- Magenta (0%)
- Yellow (4%)
- Black (17%)





- Cyan (51%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9000, 55.8066, 65.6374 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 42.9000, 55.8066, 65.6374 by changing the saturation by 10% instead.


 42.9000, 55.8066,
65.6374


 42.9000, 55.8066,
65.6374


349.1288,
408.9622, 463.4477


 30.0008, 40.0479,
47.5235

 78.8166, 98.7217,
114.5878

 19.9873, 27.5759,
33.0924


 102.5647,
126.6470, 146.2613

 12.4940, 18.0062,
21.9255


 130.6599,
159.3965, 183.2918

 7.1557, 10.9544,
13.6044

163.4675,
197.3547, 226.0979

 3.6068, 6.0362,
7.7104

201.3528,
240.9060, 275.0979

 1.4822, 2.8671,
3.8251

244.6812,

 0.3137, 1.0628,

290.4347, 330.7106

1.5299

293.8181,
346.3254, 393.3543

■ 0.0000, 0.0000,
0.2401

■ 0.0000, 0.0000,
0.0000

■ 42.9000, 55.8066,
65.6374

■ 42.9000, 55.8066,
65.6374

■ 39.8973, 54.2869,
64.2847

■ 46.5694, 57.6724,
67.0391

■ 37.5139, 53.0847,
62.9749


■ 50.9393, 59.8977,
68.4876


■ 35.7043, 52.1780,
61.7072


■ 56.0471, 62.5029,
69.9861


■ 34.4141, 51.5388,
60.4790

■ 61.9259, 65.5053,
71.5361


 33.5789, 51.1337,
59.2871


 68.6070, 68.9210,
73.1392

 33.1148, 50.9170,
58.2449

 76.1199, 72.7652,
74.7968

 77.3938, 73.3926,
76.1780

 77.6500, 73.4951,
77.5272

 77.9092, 73.5988,
78.8923

Harmonies

Analogous

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



43.4465, 55.8066, 50.0182



42.9000, 55.8066, 65.6374



44.9143, 55.8066, 82.6387

Triad

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



42.9000, 55.8066, 65.6374



60.2132, 55.8066, 88.8077



57.1417, 55.8066, 35.9005

Complementary

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



42.9000, 55.8066, 65.6374



38.7205, 30.3593, 26.0115

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.



62.0965, 55.8066, 43.1362



42.9000, 55.8066, 65.6374



63.9566, 55.8066, 72.9479

Square

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



42.9000, 55.8066, 65.6374



54.7180, 55.8066, 97.5053



64.6695, 55.8066, 56.1378



51.4016, 55.8066, 34.6510

Rectangle

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



42.9000, 55.8066, 65.6374



47.5298, 55.8066, 91.8225



64.6695, 55.8066, 56.1378



58.9658, 55.8066, 37.6416

Sweetspot

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



42.9016, 55.8088, 65.6387



84.2247, 94.4713, 106.0452



37.0306, 53.6136, 27.7999



17.7978, 20.1035, 22.6330



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.



42.9016, 55.8088, 65.6387



61.2280, 82.7715, 97.9455



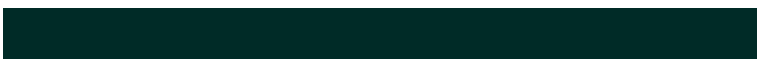
36.1045, 40.6387, 68.2310



12.7406, 14.0873, 15.7146



20.4623, 31.4403, 36.0600



1.2489, 1.9022, 2.2525

Inverse Universe

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



38.7205, 30.3593, 26.0115



54.0775, 39.1779, 30.1235



43.3911, 40.5519, 24.9435



12.4692, 12.4392, 13.1450



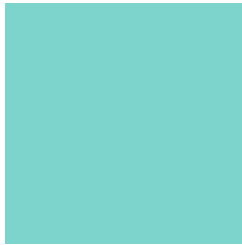
16.8533, 8.6777, 1.2658



1.0328, 0.5299, 0.1624

Previews

White Background



This preview shows how the XYZ color 42.9000, 55.8066, 65.6374 looks on a white background.

Color Contrast Check

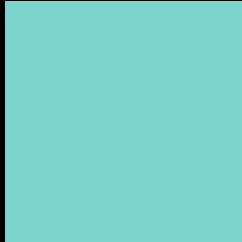
Large Text (above 18pt) WCAG AA × Fail

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 42.9000, 55.8066, 65.6374 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 42.9000, 55.8066, 65.6374

Background



This preview shows how black text looks on a background with the XYZ color 42.9000, 55.8066, 65.6374.



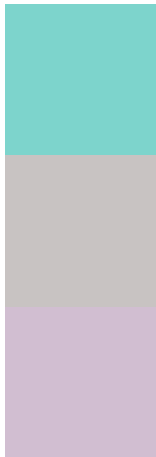
This preview shows how white text looks on a background with the XYZ color 42.9000, 55.8066,

65.6374.

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

42.9000, 55.8066, 65.6374

Protanopia

53.0721, 55.2046, 58.8973

Deuteranopia

56.2166, 54.9857, 67.9720



Tritanopia

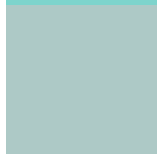
45.8880, 55.9172, 80.3261

Trichromacy



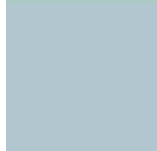
Original Color

42.9000, 55.8066, 65.6374



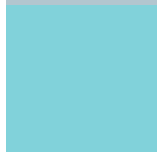
Protanomaly

48.3133, 54.7347, 61.4446



Deuteranomaly

49.8167, 54.3581, 66.8980



Tritanomaly

44.7547, 55.8223, 74.7456

Monochromacy



Original Color

42.9000, 55.8066, 65.6374



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

44.1338, 50.6225, 57.3142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9000, 55.8066, 65.6374 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, 212, 204)` looks like.

```
.text, #text, p{  
    color:rgb(125, 212, 204)  
}
```

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, 212, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 212, 204) }
```

Border

The CSS property to change the border of an element to XYZ 42.9000, 55.8066, 65.6374 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, 212, 204) }
```


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

```
.border{ border-color:rgb(125, 212, 204) }
```

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

Here you see how a box with a 4 pixel rgb(125, 212, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 212, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 212, 204);  
box-shadow:4px 4px 4px 4px rgb(125, 212,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9000, 55.8066, 65.6374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 212, 204) }
```

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

```
.background{ background-color: rgb(125,  
212, 204) }
```

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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