

Converting Colors

XYZ(43.3268, 56.1283, 65.7253)

Have a look what the booklet for
XYZ(43.3268, 56.1283, 65.7253)
contains.

XYZ(43.1950, 55.9586, 65.6512)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.1950, 55.9586,
65.6512)**

Conversions

Conversions Part 1

Format	Color
Hex	7FD4CC
RGB	127, 212, 204
RGB Percent	50%, 83%, 80%
CMY	0.5019, 0.1686, 0.2000
CMYK	0.40, 0.00, 0.04, 0.17
HSL	174°, 50%, 66%
HSV	174°, 40%, 83%
XYZ	43.1950, 55.9586, 65.6512
YIQ	185.6730, -48.0920, -20.5080

Conversions

Conversions Part 2

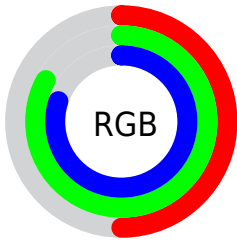
Format	Color
RYB	127, 172, 212
Decimal	8377548
CIELab	79.59, -27.61, -4.15
CIELCh	80, 27.921, 188.552
Yxy	55.9586, 0.2621, 0.3395
Android (android.graphics.Color)	4286567628 (0xFF7FD4CC)
YUV	185.6730, 9.0352, -51.4562
Hunter-Lab	74.8055, -27.8382, 0.3294

Details

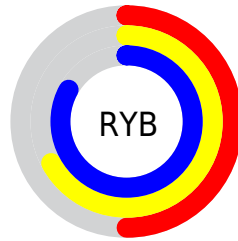
The XYZ color **43.1950, 55.9586, 65.6512** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **39.1159, 30.9268, 26.8317**, and the grayscale version is **46.4610, 48.8805, 53.2309**.

A 20% lighter version of the original color is **73.3384, 88.8073, 107.8839**, and **20.1605, 27.6555, 33.1296** is the 20% darker color. If you saturate the color by 10%, you get **40.1263, 54.4055, 64.2670**, and if you desaturate by 10%, it is **46.9344, 57.8599, 67.0852**.

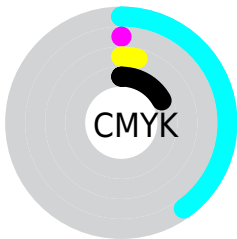
Distribution



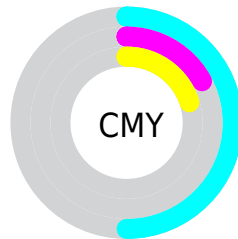
- Red (50%)
- Green (83%)
- Blue (80%)



- Red (50%)
- Yellow (67%)
- Blue (83%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (17%)





- Cyan (50%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1950, 55.9586, 65.6512 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 43.1950, 55.9586, 65.6512 by changing the saturation by 10% instead.


 43.1950, 55.9586,
65.6512


 43.1950, 55.9586,
65.6512


350.3210,
409.5355, 463.4985


 30.2333, 40.1697,
47.5346


 79.2589, 98.9440,
114.6078

 20.1647, 27.6709,
33.1011

 103.0919,
126.9094, 146.2849

 12.6238, 18.0777,
21.9322


 131.2793,
159.7024, 183.3192

 7.2452, 11.0058,
13.6092

164.1866,
197.7074, 226.1293

 3.6636, 6.0707,
7.7138

202.1790,
241.3088, 275.1338

 1.5136, 2.8881,
3.8272

245.6220,

 0.3351, 1.0736,

290.8910, 330.7511

1.5310

294.8809,
346.8384, 393.3998

■ 0.0000, 0.0000,
0.2409

■ 0.0000, 0.0000,
0.0000

■ 43.1950, 55.9586,
65.6512

■ 43.1950, 55.9586,
65.6512

■ 40.1263, 54.4055,
64.2670

■ 46.9344, 57.8599,
67.0852

■ 37.6812, 53.1721,
62.9268


■ 51.3779, 60.1224,
68.5670


■ 35.8148, 52.2367,
61.6295


■ 56.5625, 62.7666,
70.0997


■ 34.4734, 51.5717,
60.3727


■ 62.5214, 65.8096,
71.6847


 33.5938, 51.1443,
59.1532


 69.2857, 69.2674,
73.3237

 33.0638, 50.8966,
57.9767

 76.8846, 73.1552,
75.0181

 77.4357, 73.4093,
76.3990

 77.6985, 73.5144,
77.7828

 77.9644, 73.6208,
79.1832

Harmonies

Analogous

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



43.7445, 55.9586, 50.2930



43.1950, 55.9586, 65.6512



45.1712, 55.9586, 82.3379

Triad

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



43.1950, 55.9586, 65.6512



60.2143, 55.9586, 88.4971



57.2395, 55.9586, 36.4130

Complementary

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



43.1950, 55.9586, 65.6512



39.1159, 30.9268, 26.8317

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.



62.0991, 55.9586, 43.5962



43.1950, 55.9586, 65.6512



63.8990, 55.9586, 72.9687

Square

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



43.1950, 55.9586, 65.6512



54.8111, 55.9586, 96.9686



64.6120, 55.9586, 56.4396



51.5952, 55.9586, 35.1506

Rectangle

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



43.1950, 55.9586, 65.6512



47.7428, 55.9586, 91.3496



64.6120, 55.9586, 56.4396



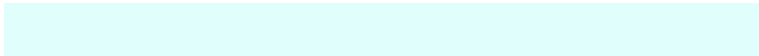
59.0301, 55.9586, 38.1455

Sweetspot

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



43.1966, 55.9608, 65.6525



84.2142, 94.4671, 105.9900



37.4484, 53.8140, 28.4934



17.7953, 20.1025, 22.6199



0.0000, 0.0000, 0.0000



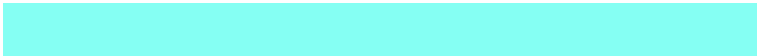
20.3446, 21.4041, 23.3091

Same Dimension

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



43.1966, 55.9608, 65.6525



61.6196, 82.9740, 97.9400



36.5582, 41.1082, 68.2976



12.7394, 14.0868, 15.7083



20.4313, 31.4279, 35.8966



1.2473, 1.9016, 2.2442

Inverse Universe

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



39.1159, 30.9268, 26.8317



54.6163, 39.9431, 31.2661



43.7290, 41.0211, 25.6931



12.4703, 12.4396, 13.1507



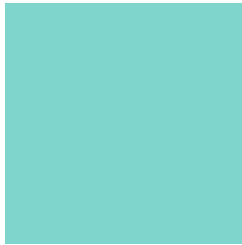
16.8561, 8.6788, 1.2803



1.0334, 0.5301, 0.1651

Previews

White Background



This preview shows how the XYZ color 43.1950, 55.9586, 65.6512 looks on a white background.

Color Contrast Check

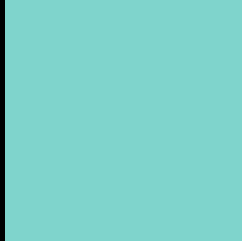
Large Text (above 18pt) WCAG AA × Fail

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 43.1950, 55.9586, 65.6512 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

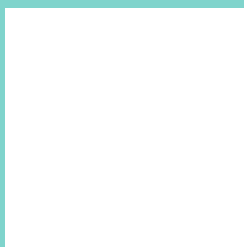
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1950, 55.9586, 65.6512

Background



This preview shows how black text looks on a background with the XYZ color 43.1950, 55.9586, 65.6512.

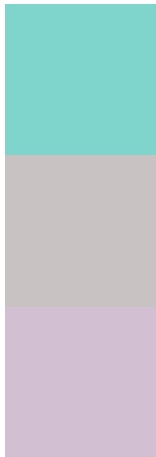


This preview shows how white text looks on a background with the XYZ color 43.1950, 55.9586,

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

43.1950, 55.9586, 65.6512

Protanopia

53.0721, 55.2046, 58.8973

Deuteranopia

56.7178, 55.5667, 68.0577



Tritanopia

46.2008, 56.0785, 80.3407

Trichromacy



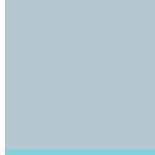
Original Color

43.1950, 55.9586, 65.6512



Protanomaly

48.3133, 54.7347, 61.4446



Deuteranomaly

50.5083, 55.0551, 66.9961



Tritanomaly

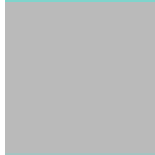
45.0616, 55.9804, 74.7600

Monochromacy



Original Color

43.1950, 55.9586, 65.6512



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

44.6578, 50.8798, 57.9191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1950, 55.9586, 65.6512 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, 212, 204)` looks like.

```
.text, #text, p{  
    color:rgb(127, 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(127, 212, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 212, 204) }
```

Border

The CSS property to change the border of an element to XYZ 43.1950, 55.9586, 65.6512 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, 212, 204) }
```


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

```
.border{ border-color:rgb(127, 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(127, 212, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 212, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 212, 204);  
box-shadow:4px 4px 4px 4px rgb(127, 212,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1950, 55.9586, 65.6512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 212, 204) }
```

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

```
.background{ background-color: rgb(127,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor