

Converting Colors

XYZ(43.3239, 56.6813, 64.3418)

Have a look what the booklet for
XYZ(43.3239, 56.6813, 64.3418)
contains.

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Color

**XYZ(43.4596, 56.8694,
64.5634)**

Conversions

Conversions Part 1

Format	Color
Hex	7FD6CA
RGB	127, 214, 202
RGB Percent	50%, 84%, 79%
CMY	0.5019, 0.1608, 0.2078
CMYK	0.41, 0.00, 0.06, 0.16
HSL	172°, 51%, 67%
HSV	172°, 41%, 84%
XYZ	43.4596, 56.8694, 64.5634
YIQ	186.6190, -48.0000, -22.1760

Conversions

Conversions Part 2

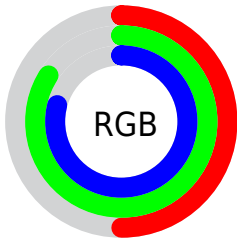
Format	Color
RYB	127, 174, 214
Decimal	8378058
CIELab	80.11, -29.05, -2.32
CIELCh	80, 29.144, 184.574
Yxy	56.8694, 0.2636, 0.3449
Android (android.graphics.Color)	4286568138 (0xFF7FD6CA)
YUV	186.6190, 7.5828, -52.2859
Hunter-Lab	75.4118, -29.1016, 2.0275

Details

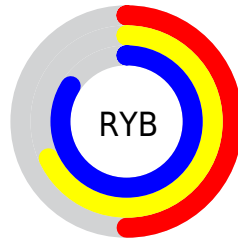
The XYZ color **43.4596, 56.8694, 64.5634** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **39.9830, 31.3405, 28.3702**, and the grayscale version is **46.9989, 49.4465, 53.8472**.

A 20% lighter version of the original color is **73.3384, 88.8073, 107.8839**, and **20.3420, 28.2740, 32.4023** is the 20% darker color. If you saturate the color by 10%, you get **40.2588, 55.2607, 62.6073**, and if you desaturate by 10%, it is **47.3473, 58.8342, 66.5890**.

Distribution



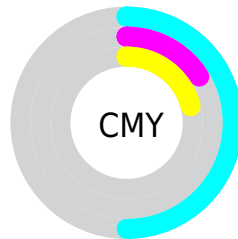
- Red (50%)
- Green (84%)
- Blue (79%)



- Red (50%)
- Yellow (68%)
- Blue (84%)



- Cyan (41%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)





- Cyan (50%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4596, 56.8694, 64.5634 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 43.4596, 56.8694, 64.5634 by changing the saturation by 10% instead.


 43.4596, 56.8694,
64.5634


 43.4596, 56.8694,
64.5634


351.3880,
412.9598, 459.4845


 30.4420, 40.9004,
46.6580


 79.6554, 100.2746,
113.0292

 20.3240, 28.2413,
32.4130

 103.5642,
128.4796, 144.4267

 12.7404, 18.5076,
21.4097


 131.8341,
161.5320, 181.1587

 7.3258, 11.3150,
13.2297

164.8306,
199.8163, 223.6437

 3.7148, 6.2791,
7.4543

202.9188,
243.7168, 272.3002

 1.5421, 3.0156,
3.6651

246.4642,

 0.3542, 1.1399,

293.6180, 327.5469

1.4435

295.8322,
349.9042, 389.8021

■ 0.0000, 0.0117,
0.1753

■ 0.0000, 0.0000,
0.0000

■ 43.4596, 56.8694,
64.5634

■ 43.4596, 56.8694,
64.5634

■ 40.2588, 55.2607,
62.6073

■ 47.3473, 58.8342,
66.5890

■ 37.6967, 53.9792,
60.7146

■ 51.9564, 61.1687,
68.6823

■ 35.7266, 53.0020,
58.8841

■ 57.3249, 63.8940,
70.8464

■ 34.2934, 52.3009,
57.1130

■ 63.4870, 67.0275,
73.0832

■ 33.3314, 51.8419,
55.3982

■ 70.4745, 70.5858,
75.3942

■ 32.7497, 51.5759,
53.8410

■ 78.1681, 74.5073,
77.7741

■ 78.5620, 74.6649,
79.8485

■ 78.9629, 74.8252,
81.9594

■ 79.3707, 74.9883,
84.1070

Harmonies

Analogous

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



44.3902, 56.8694, 48.9261



43.4596, 56.8694, 64.5634



45.1928, 56.8694, 82.3738

Triad

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



43.4596, 56.8694, 64.5634



60.7884, 56.8694, 92.9073



59.1002, 56.8694, 36.8524

Complementary

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



43.4596, 56.8694, 64.5634



39.9830, 31.3405, 28.3702

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.



64.0008, 56.8694, 45.1694



43.4596, 56.8694, 64.5634



65.0244, 56.8694, 77.0347

Square

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



43.4596, 56.8694, 64.5634



54.9676, 56.8694, 100.5330



66.2407, 56.8694, 59.3519



53.1480, 56.8694, 34.7290

Rectangle

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



43.4596, 56.8694, 64.5634



47.7059, 56.8694, 92.5427



66.2407, 56.8694, 59.3519



60.9388, 56.8694, 38.9309

Sweetspot

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



43.4612, 56.8717, 64.5647



84.0023, 94.3824, 104.8741



38.7027, 55.2075, 28.6960



17.7451, 20.0824, 22.3556



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.



43.4612, 56.8717, 64.5647



60.3713, 82.4289, 93.4344



37.9389, 43.4633, 70.0105



12.7151, 14.0770, 15.5799



19.8231, 31.1846, 32.6936



1.2164, 1.8892, 2.0814

Inverse Universe

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



39.9830, 31.3405, 28.3702



54.5184, 39.3542, 32.4450



43.6975, 40.0968, 25.5161



12.4923, 12.4484, 13.2669



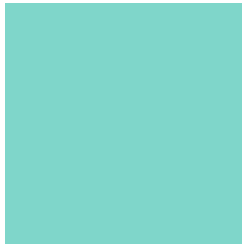
16.9224, 8.7053, 1.6293



1.0438, 0.5343, 0.2199

Previews

White Background



This preview shows how the XYZ color 43.4596, 56.8694, 64.5634 looks on a white background.

Color Contrast Check

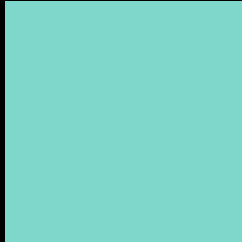
Large Text (above 18pt) WCAG AA × Fail

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 43.4596, 56.8694, 64.5634 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

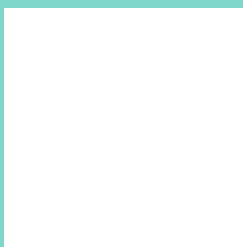
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4596, 56.8694, 64.5634

Background



This preview shows how black text looks on a background with the XYZ color 43.4596, 56.8694, 64.5634.



This preview shows how white text looks on a background with the XYZ color 43.4596, 56.8694,

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

43.4596, 56.8694, 64.5634

Protanopia

53.8378, 56.2948, 57.8976

Deuteranopia

57.5527, 56.3504, 66.8748



Tritanopia

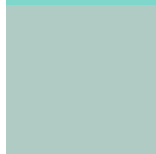
46.7432, 56.7076, 81.1551

Trichromacy



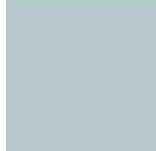
Original Color

43.4596, 56.8694, 64.5634



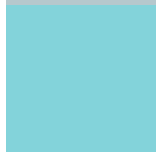
Protanomaly

48.9989, 55.8114, 60.4147



Deuteranomaly

50.9651, 55.6614, 65.8152



Tritanomaly

45.3092, 56.4758, 74.8425

Monochromacy



Original Color

43.4596, 56.8694, 64.5634



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

44.9977, 51.7376, 57.4839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4596, 56.8694, 64.5634 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(127, 214, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 214, 202) }
```

Border

The CSS property to change the border of an element to XYZ 43.4596, 56.8694, 64.5634 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, 202) }
```


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

```
.border{ border-color:rgb(127, 214, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 214, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 214, 202);  
box-shadow:4px 4px 4px 4px rgb(127, 214,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4596, 56.8694, 64.5634 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, 202) }
```

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

```
.background{ background-color: rgb(127,  
214, 202) }
```

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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