

Converting Colors

XYZ(43.7868, 58.6829, 63.1327)

Have a look what the booklet for
XYZ(43.7868, 58.6829, 63.1327)
contains.

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Color

**XYZ(43.6924, 58.5514,
63.0316)**

Conversions

Conversions Part 1

Format	Color
Hex	7CDAC7
RGB	124, 218, 199
RGB Percent	49%, 85%, 78%
CMY	0.5137, 0.1451, 0.2196
CMYK	0.43, 0.00, 0.09, 0.15
HSL	168°, 56%, 67%
HSV	168°, 43%, 85%
XYZ	43.6924, 58.5514, 63.0316
YIQ	187.7280, -49.9250, -25.8370

Conversions

Conversions Part 2

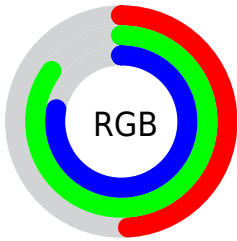
Format	Color
RYB	124, 176, 218
Decimal	8182471
CIELab	81.04, -32.41, 0.63
CIELCh	81, 32.415, 178.881
Yxy	58.5514, 0.2644, 0.3543
Android (android.graphics.Color)	4286372551 (0xFF7CDAC7)
YUV	187.7280, 5.5571, -55.8895
Hunter-Lab	76.5189, -31.9843, 4.7237

Details

The XYZ color **43.6924, 58.5514, 63.0316** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **41.0810, 31.3055, 29.8662**, and the grayscale version is **47.6368, 50.1176, 54.5781**.

A 20% lighter version of the original color is **72.8661, 88.5638, 107.8618**, and **20.5228, 29.4320, 31.3873** is the 20% darker color. If you saturate the color by 10%, you get **40.3795, 56.9033, 60.2451**, and if you desaturate by 10%, it is **47.7199, 60.5691, 65.9315**.

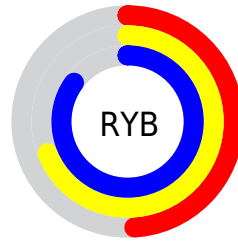
Distribution



Red (49%)

Green (85%)

Blue (78%)



Red (49%)

Yellow (69%)

Blue (85%)

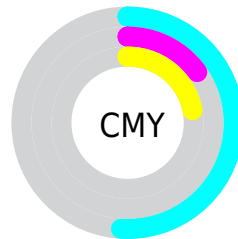


Cyan (43%)

Magenta (0%)

Yellow (9%)

Black (15%)



Cyan (51%)


Magenta (15%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6924, 58.5514, 63.0316 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 43.6924, 58.5514, 63.0316 by changing the saturation by 10% instead.


 43.6924, 58.5514,
63.0316


 43.6924, 58.5514,
63.0316


352.3250,
419.2374, 453.7953


 30.6256, 42.2521,
45.4256


 80.0039, 102.7254,
110.8011

 20.4644, 29.2987,
31.4474


 103.9793,
131.3689, 141.8017

 12.8433, 19.3069,
20.6785


 132.3217,
164.8959, 178.1043

 7.3970, 11.8923,
12.7002

165.3964,
203.6908, 220.1273

 3.7601, 6.6704,
7.0942

203.5687,
248.1380, 268.2894

 1.5673, 3.2568,
3.4417

247.2040,

 0.3710, 1.2672,

298.6219, 323.0091

1.3244

296.6676,
355.5269, 384.7048

■ 0.0000, 0.1156,
0.0816

■ 0.0000, 0.0000,
0.0000

■ 43.6924, 58.5514,
63.0316

■ 43.6924, 58.5514,
63.0316

■ 40.3795, 56.9033,
60.2451

■ 47.7199, 60.5691,
65.9315

■ 37.7296, 55.5938,
57.5650

■ 52.4992, 62.9712,
68.9433

■ 35.6922, 54.5983,
54.9897

■ 58.0709, 65.7801,
72.0708

■ 34.2072, 53.8860,
52.5157

■ 64.4713, 69.0145,
75.3163

■ 33.2019, 53.4194,
50.1388

■ 71.7344, 72.6917,
78.6821

■ 32.7060, 53.1982,
48.5554

■ 79.8921, 76.8284,
82.1702

■ 80.5743, 77.1095,
85.3896

■ 81.2007, 77.3601,
88.6880

■ 81.8428, 77.6169,
92.0694

Harmonies

Analogous

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



45.2940, 58.5514, 46.4563



43.6924, 58.5514, 63.0316



45.0741, 58.5514, 83.3754

Triad

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



43.6924, 58.5514, 63.0316



62.1370, 58.5514, 102.0118



62.6092, 58.5514, 37.0020

Complementary

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



43.6924, 58.5514, 63.0316



41.0810, 31.3055, 29.8662

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.



67.7660, 58.5514, 47.4787



43.6924, 58.5514, 63.0316



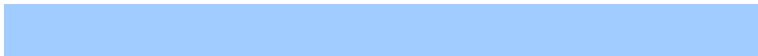
67.4783, 58.5514, 84.8834

Square

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



43.6924, 58.5514, 63.0316



55.3991, 58.5514, 108.4370



69.6147, 58.5514, 64.4789



55.9044, 58.5514, 33.4192

Rectangle

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



43.6924, 58.5514, 63.0316



47.5694, 58.5514, 95.9380



69.6147, 58.5514, 64.4789



64.6005, 58.5514, 39.7148

Sweetspot

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



43.6941, 58.5537, 63.0330



82.8280, 93.8218, 102.7941



40.2771, 57.5628, 28.0578



17.3283, 19.8797, 21.7865



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.



43.6941, 58.5537, 63.0330



57.8735, 81.2991, 86.1828



39.6797, 46.7709, 73.2686



13.3262, 14.7821, 16.1806



19.6330, 31.8858, 29.2966



1.3011, 2.0774, 2.0517

Inverse Universe

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



41.0810, 31.3055, 29.8662



53.6900, 37.4540, 32.9192



43.5611, 38.3778, 24.1817



13.1631, 13.0944, 14.1203



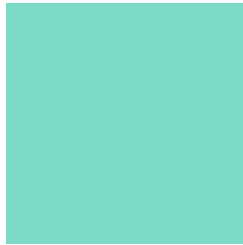
17.6263, 9.0516, 2.4123



1.1730, 0.5989, 0.3202

Previews

White Background



This preview shows how the XYZ color 43.6924, 58.5514, 63.0316 looks on a white background.

Color Contrast Check

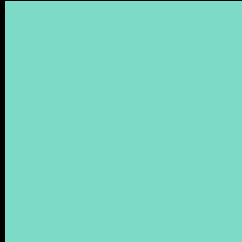
Large Text (above 18pt) WCAG AA × Fail

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 43.6924, 58.5514, 63.0316 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

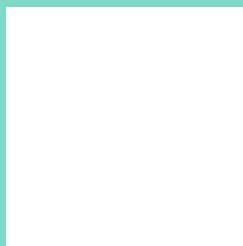
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.6924, 58.5514, 63.0316

Background



This preview shows how black text looks on a background with the XYZ color 43.6924, 58.5514, 63.0316.



This preview shows how white text looks on a background with the XYZ color 43.6924, 58.5514,

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

43.6924, 58.5514, 63.0316

Protanopia

55.0623, 57.6428, 56.3682

Deuteranopia

59.1043, 57.8486, 65.1775



Tritanopia

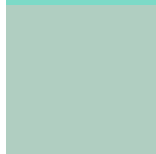
47.8909, 58.3446, 84.3388

Trichromacy



Original Color

43.6924, 58.5514, 63.0316



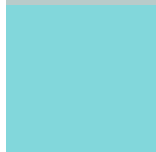
Protanomaly

49.6014, 57.2230, 58.8829



Deuteranomaly

51.7838, 57.1665, 64.1821



Tritanomaly

46.2925, 58.4612, 75.8621

Monochromacy



Original Color

43.6924, 58.5514, 63.0316



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

45.4549, 52.6520, 57.6363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6924, 58.5514, 63.0316 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(124, 218, 199)` looks like.

```
.text, #text, p{  
    color:rgb(124, 218, 199)  
}
```

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(124, 218, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 218, 199) }
```

Border

The CSS property to change the border of an element to XYZ 43.6924, 58.5514, 63.0316 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(124, 218, 199) }
```


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

```
.border{ border-color:rgb(124, 218, 199) }
```

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

Here you see how a box with a 4 pixel rgb(124, 218, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 218, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 218, 199);  
box-shadow:4px 4px 4px 4px rgb(124, 218,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6924, 58.5514, 63.0316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 218, 199) }
```

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

```
.background{ background-color: rgb(124,  
218, 199) }
```

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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