

Converting Colors

XYZ(45.6619, 55.2386, 74.0450)

Have a look what the booklet for
XYZ(45.6619, 55.2386, 74.0450)
contains.

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Color

**XYZ(45.6524, 55.2109,
73.8963)**

Conversions

Conversions Part 1

Format	Color
Hex	8CCFD9
RGB	140, 207, 217
RGB Percent	55%, 81%, 85%
CMY	0.4510, 0.1882, 0.1490
CMYK	0.35, 0.05, 0.00, 0.15
HSL	188°, 50%, 70%
HSV	188°, 35%, 85%
XYZ	45.6524, 55.2109, 73.8963
YIQ	188.1070, -43.1420, -11.0940

Conversions

Conversions Part 2

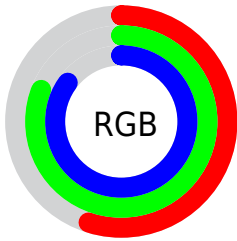
Format	Color
RYB	140, 176, 217
Decimal	9228249
CIELab	79.16, -18.61, -11.69
CIELCh	79, 21.976, 212.123
Yxy	55.2109, 0.2612, 0.3159
Android (android.graphics.Color)	4287418329 (0xFF8CCFD9)
YUV	188.1070, 14.2442, -42.1898
Hunter-Lab	74.3040, -20.3617, -6.9518

Details

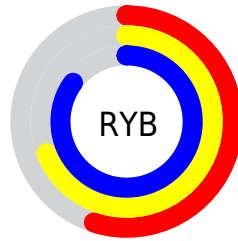
The XYZ color **45.6524, 55.2109, 73.8963** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.2560, 38.4583, 29.9027**, and the grayscale version is **47.8013, 50.2907, 54.7665**.

A 20% lighter version of the original color is **76.5750, 90.4758, 108.0354**, and **21.7506, 27.3695, 38.3189** is the 20% darker color. If you saturate the color by 10%, you get **41.6742, 52.1570, 73.5175**, and if you desaturate by 10%, it is **50.3672, 58.6652, 74.3155**.

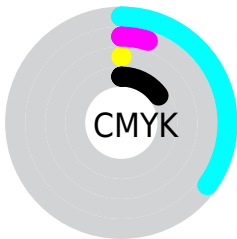
Distribution



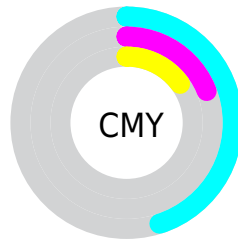
- Red (55%)
- Green (81%)
- Blue (85%)



- Red (55%)
- Yellow (69%)
- Blue (85%)



- Cyan (35%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (45%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.6524, 55.2109, 73.8963 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 45.6524, 55.2109, 73.8963 by changing the saturation by 10% instead.

■ 45.6524, 55.2109,
73.8963

■ 45.6524, 55.2109,
73.8963

360.1488,
406.7109, 493.2692

■ 32.1751, 39.5706,
54.2129

■ 82.9296, 97.8499,
126.4815

■ 21.6515, 27.2039,
38.3776

■ 107.4602,
125.6174, 160.2203

■ 13.7162, 17.7264,
25.9718

136.4059,
158.1960, 199.4814

■ 8.0039, 10.7538,
16.5769

170.1321,
195.9703, 244.6833

■ 4.1493, 5.9015,
9.7746

209.0041,
239.3245, 296.2444

■ 1.7869, 2.7853,
5.1461

253.3873,

■ 0.5098, 1.0207,

288.6431, 354.5835

2.2730

303.6471,
344.3104, 420.1189

■ 0.0000, 0.0000,
0.7160

■ 0.0000, 0.0000,
0.0000

■ 45.6524, 55.2109,
73.8963

■ 45.6524, 55.2109,
73.8963

■ 41.6742, 52.1570,
73.5175

■ 50.3672, 58.6652,
74.3155

■ 38.3848, 49.4749,
73.1731

■ 55.8526, 62.5337,
74.7731

■ 35.7389, 47.1424,
72.8624

■ 62.1468, 66.8374,
75.2720

■ 33.6833, 45.1320,
72.5827

■ 69.2837, 71.5939,
75.8140

■ 32.1563, 43.4119,
72.3311

■ 77.2955, 76.8198,
76.4004

■ 31.0821, 41.9427,
72.1042

■ 80.3958, 79.5324,
76.7606

■ 30.6847, 41.3302,
72.0069

■ 81.1590, 81.0587,
77.0150

■ 81.9347, 82.6102,
77.2735

■ 82.7232, 84.1870,
77.5364

Harmonies

Analogous

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



44.4909, 55.2109, 61.0147



45.6524, 55.2109, 73.8963



48.6306, 55.2109, 84.0954

Triad

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



45.6524, 55.2109, 73.8963



60.2906, 55.2109, 72.1317



52.1644, 55.2109, 39.0632

Complementary

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



45.6524, 55.2109, 73.8963



44.2560, 38.4583, 29.9027

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.



56.5196, 55.2109, 41.1912



45.6524, 55.2109, 73.8963



61.3642, 55.2109, 59.2247

Square

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



45.6524, 55.2109, 73.8963



57.0902, 55.2109, 82.9809



59.9484, 55.2109, 48.1639



48.1179, 55.2109, 41.8908

Rectangle

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



45.6524, 55.2109, 73.8963



51.3289, 55.2109, 87.3578



59.9484, 55.2109, 48.1639



53.6407, 55.2109, 39.2220

Sweetspot

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



45.6541, 55.2131, 73.8976



84.3219, 92.7610, 108.0682



41.0526, 57.3716, 37.3381



17.7873, 19.6755, 23.1102



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.



45.6541, 55.2131, 73.8976



61.1740, 76.0420, 106.0611



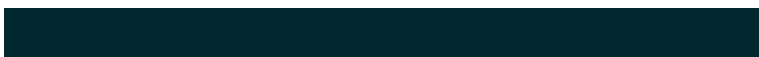
37.6250, 39.1550, 71.2212



13.2931, 14.5260, 16.7553



18.6298, 25.1291, 43.6069



1.2480, 1.7100, 2.8387

Inverse Universe

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



49.2572, 38.0142, 63.7753



67.2608, 47.9546, 88.7447



51.2230, 52.3924, 32.2251



13.5378, 13.2442, 16.0935



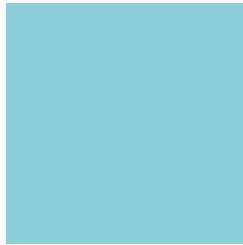
22.8988, 11.1606, 30.1768



1.5042, 0.7313, 2.0640

Previews

White Background



This preview shows how the XYZ color 45.6524, 55.2109, 73.8963 looks on a white background.

Color Contrast Check

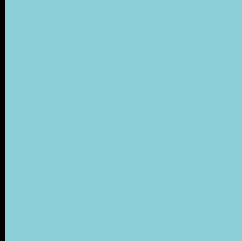
Large Text (above 18pt) WCAG AA × Fail

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 45.6524, 55.2109, 73.8963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

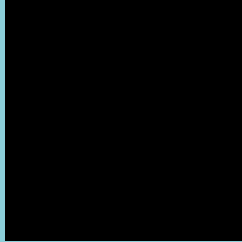
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.6524, 55.2109, 73.8963

Background



This preview shows how black text looks on a background with the XYZ color 45.6524, 55.2109, 73.8963.

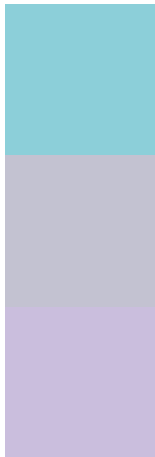


This preview shows how white text looks on a background with the XYZ color 45.6524, 55.2109,

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

45.6524, 55.2109, 73.8963

Protanopia

53.3061, 54.7891, 68.0874

Deuteranopia

55.8217, 54.6039, 76.0041



Tritanopia

46.3751, 55.1330, 78.0096

Trichromacy



Original Color

45.6524, 55.2109, 73.8963

Protanomaly

49.9863, 54.7143, 70.2137

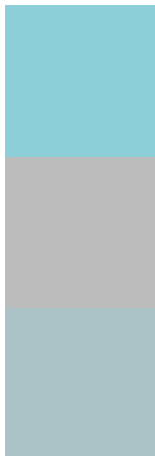
Deuteranomaly

51.2486, 54.2309, 75.4767

Tritanomaly

46.1070, 55.0258, 76.5976

Monochromacy



Original Color

45.6524, 55.2109, 73.8963

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

46.6185, 51.8117, 61.5764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6524, 55.2109, 73.8963 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(140, 207, 217)` looks like.

```
.text, #text, p{  
    color:rgb(140, 207, 217)  
}
```

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(140, 207, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 207, 217) }
```

Border

The CSS property to change the border of an element to XYZ 45.6524, 55.2109, 73.8963 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(140, 207, 217) }
```


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

```
.border{ border-color:rgb(140, 207, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 207, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 207, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 207, 217);  
box-shadow:4px 4px 4px 4px rgb(140, 207,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6524, 55.2109, 73.8963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 207, 217) }
```

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

```
.background{ background-color: rgb(140,  
207, 217) }
```

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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