

Converting Colors

XYZ(43.7044, 63.1196, 74.1698)

Have a look what the booklet for
XYZ(43.7044, 63.1196, 74.1698)
contains.

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Color

**XYZ(43.7044, 63.1196,
74.1698)**

Conversions

Conversions Part 1

Format	Color
Hex	4EE6D7
RGB	78, 230, 215
RGB Percent	31%, 90%, 84%
CMY	0.6941, 0.0980, 0.1569
CMYK	0.66, 0.00, 0.07, 0.10
HSL	174°, 75%, 60%
HSV	174°, 66%, 90%
XYZ	43.7044, 63.1196, 74.1698
YIQ	182.8420, -85.7770, -36.8890

Conversions

Conversions Part 2

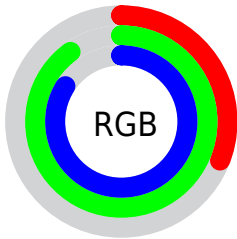
Format	Color
RYB	78, 158, 230
Decimal	5170903
CIELab	83.51, -42.98, -4.41
CIELCh	84, 43.207, 185.865
Yxy	63.1196, 0.2415, 0.3487
Android (android.graphics.Color)	4283360983 (0xFF4EE6D7)
YUV	182.8420, 15.8539, -91.9464
Hunter-Lab	79.4478, -40.8406, 0.2624

Details

The XYZ color **43.7044, 63.1196, 74.1698** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **37.3354, 23.0639, 12.8420**, and the grayscale version is **44.8747, 47.2116, 51.4135**.

A 20% lighter version of the original color is **65.3116, 84.6693, 107.5083**, and **21.4812, 32.8102, 38.4585** is the 20% darker color. If you saturate the color by 10%, you get **41.8499, 62.1985, 72.5721**, and if you desaturate by 10%, it is **46.2253, 64.3867, 75.8227**.

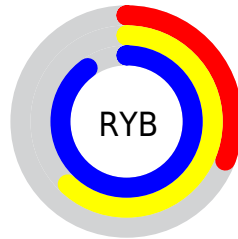
Distribution



Red (31%)

Green (90%)

Blue (84%)



Red (31%)

Yellow (62%)

Blue (90%)

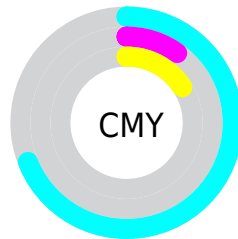


Cyan (66%)

Magenta (0%)

Yellow (7%)

Black (10%)



Cyan (69%)

Magenta (10%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7044, 63.1196, 74.1698 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 43.7044, 63.1196, 74.1698 by changing the saturation by 10% instead.

43.7044, 63.1196,
74.1698

43.7044, 63.1196,
74.1698

352.3733,
436.0034, 494.2383

30.6351, 45.9380,
54.4354

80.0219, 109.3420,
126.8727

20.4716, 32.1969,
38.5543

104.0007,
139.1516, 160.6784

12.8486, 21.5119,
26.1080

132.3468,
173.9394, 200.0115

7.4006, 13.4987,
16.6780

165.4255,
214.0896, 245.2906

3.7624, 7.7728,
9.8456

203.6021,
259.9867, 296.9343

1.5686, 3.9499,
5.1925

247.2421,

0.3718, 1.6456,

312.0151, 355.3611

2.2999

296.7107,
370.5592, 420.9896

■ 0.0000, 0.3881,
0.7312

■ 0.0000, 0.0000,
0.0000

■ 43.7044, 63.1196,
74.1698

■ 43.7044, 63.1196,
74.1698

■ 41.8499, 62.1985,
72.5721

■ 46.2253, 64.3867,
75.8227

■ 40.5841, 61.5790,
71.0215


■ 49.4688, 66.0244,
77.5292


■ 39.8193, 61.2172,
69.5154


■ 53.4915, 68.0633,
79.2934


■ 39.5973, 61.1154,
68.9350

■ 58.3429, 70.5289,
81.1179

 64.0683, 73.4446,
83.0047

 70.7097, 76.8321,
84.9559

 78.3063, 80.7115,
86.9734

 84.2690, 83.7481,
88.9362

 84.5958, 83.8788,
90.6570

Harmonies

Analogous

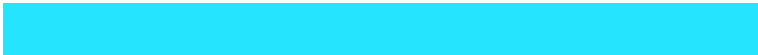
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.9219, 63.1196, 49.6059



43.7044, 63.1196, 74.1698



46.4669, 63.1196, 103.8574

Triad

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



43.7044, 63.1196, 74.1698



71.2549, 63.1196, 119.9797



67.7164, 63.1196, 31.3968

Complementary

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



43.7044, 63.1196, 74.1698



37.3354, 23.0639, 12.8420

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.



75.9187, 63.1196, 42.5729



43.7044, 63.1196, 74.1698



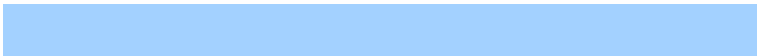
78.1068, 63.1196, 92.2200

Square

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



43.7044, 63.1196, 74.1698



61.8650, 63.1196, 134.4012



79.8970, 63.1196, 63.5563



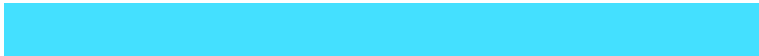
58.1597, 63.1196, 28.9330

Rectangle

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



43.7044, 63.1196, 74.1698



50.3835, 63.1196, 121.2875



79.8970, 63.1196, 63.5563



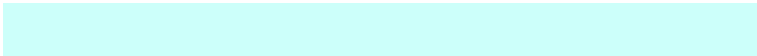
70.7534, 63.1196, 34.0840

Sweetspot

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



43.7062, 63.1220, 74.1713



77.9119, 91.2574, 103.9228



34.2084, 59.4838, 16.8876



16.2417, 19.3115, 22.0997



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.



43.7062, 63.1220, 74.1713



52.2696, 78.2968, 91.0438



31.6521, 35.7857, 80.1046



14.7429, 16.3106, 18.1769



22.4427, 34.6092, 39.1611



1.6763, 2.5646, 2.9880

Inverse Universe

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



37.3354, 23.0639, 12.8420



43.7553, 24.3434, 8.7715



43.2142, 35.7828, 11.8382



14.4345, 14.3910, 15.2225



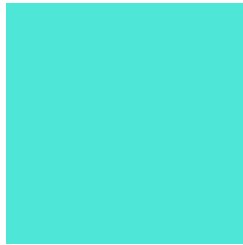
18.5811, 9.5667, 1.4232



1.3928, 0.7148, 0.2091

Previews

White Background



This preview shows how the XYZ color 43.7044, 63.1196, 74.1698 looks on a white background.

Color Contrast Check

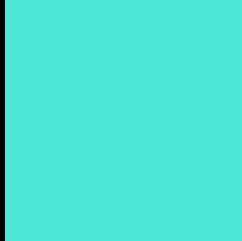
Large Text (above 18pt) WCAG AA × Fail

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 43.7044, 63.1196, 74.1698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

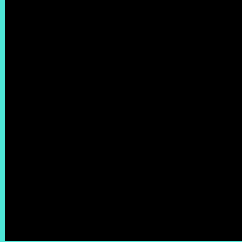
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

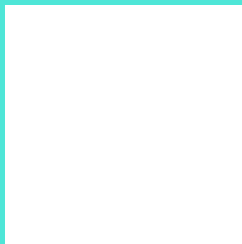
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.7044, 63.1196, 74.1698

Background



This preview shows how black text looks on a background with the XYZ color 43.7044, 63.1196, 74.1698.

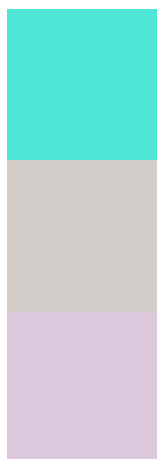


This preview shows how white text looks on a background with the XYZ color 43.7044, 63.1196,

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

43.7044, 63.1196, 74.1698

Protanopia

59.2379, 61.7286, 64.0510

Deuteranopia

63.4530, 62.2094, 77.0699



Tritanopia

47.9391, 63.1997, 95.2601

Trichromacy



Original Color

43.7044, 63.1196, 74.1698



Protanomaly

50.2914, 60.3359, 67.3879



Deuteranomaly

52.4781, 60.5263, 75.9347



Tritanomaly

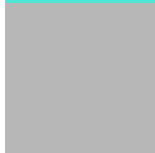
46.1075, 62.8476, 86.7915

Monochromacy



Original Color

43.7044, 63.1196, 74.1698



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

42.1817, 51.2684, 59.3023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7044, 63.1196, 74.1698 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(78, 230, 215)` looks like.

```
.text, #text, p{  
    color:rgb(78, 230, 215)  
}
```

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(78, 230, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 230, 215) }
```

Border

The CSS property to change the border of an element to XYZ 43.7044, 63.1196, 74.1698 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(78, 230, 215) }
```


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

```
.border{ border-color:rgb(78, 230, 215) }
```

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

Here you see how a box with a 4 pixel rgb(78, 230, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 230, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 230, 215);  
box-shadow:4px 4px 4px 4px rgb(78, 230,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7044, 63.1196, 74.1698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 230, 215) }
```

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

```
.background{ background-color: rgb(78, 230,  
215) }
```

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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