

Converting Colors

XYZ(37.6494, 50.3020, 73.9416)

Have a look what the booklet for
XYZ(37.6494, 50.3020, 73.9416)
contains.

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Color

**XYZ(37.7107, 50.3869,
74.0677)**

Conversions

Conversions Part 1

Format	Color
Hex	4FCDDA
RGB	79, 205, 218
RGB Percent	31%, 80%, 85%
CMY	0.6902, 0.1961, 0.1451
CMYK	0.64, 0.06, 0.00, 0.15
HSL	186°, 65%, 58%
HSV	186°, 64%, 85%
XYZ	37.7107, 50.3869, 74.0677
YIQ	168.8080, -79.2690, -22.6690

Conversions

Conversions Part 2

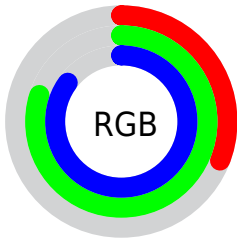
Format	Color
RYB	79, 145, 218
Decimal	5230042
CIELab	76.31, -30.47, -16.75
CIELCh	76, 34.765, 208.796
Yxy	50.3869, 0.2325, 0.3107
Android (android.graphics.Color)	4283420122 (0xFF4FCDDA)
YUV	168.8080, 24.2517, -78.7616
Hunter-Lab	70.9837, -29.3919, -12.1773

Details

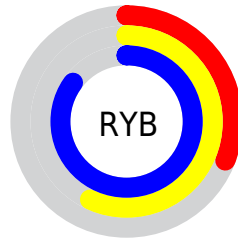
The XYZ color **37.7107, 50.3869, 74.0677** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **34.1531, 23.1256, 10.0623**, and the grayscale version is **37.5311, 39.4856, 42.9998**.

A 20% lighter version of the original color is **65.1377, 84.5796, 107.5001**, and **17.5172, 24.4570, 38.4478** is the 20% darker color. If you saturate the color by 10%, you get **35.7018, 48.6331, 73.8360**, and if you desaturate by 10%, it is **40.3234, 52.4636, 74.3318**.

Distribution



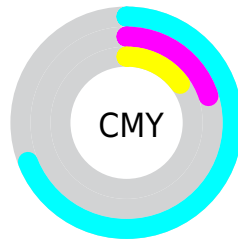
- Red (31%)
- Green (80%)
- Blue (85%)



- Red (31%)
- Yellow (57%)
- Blue (85%)



- Cyan (64%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (69%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7107, 50.3869, 74.0677 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 37.7107, 50.3869, 74.0677 by changing the saturation by 10% instead.

37.7107, 50.3869,
74.0677

37.7107, 50.3869,
74.0677

327.6797,
388.1770, 493.8766

25.9344, 35.7209,
54.3523

70.9713, 90.7479,
126.7267

16.9070, 24.2187,
38.4883

93.1863, 117.2116,
160.5074

10.2631, 15.4960,
26.0571

119.6115,
148.3768, 199.8136

5.6374, 9.1682,
16.6402

150.6125,
184.6277, 245.0640

2.6644, 4.8511,
9.8191

186.5544,
226.3488, 296.6769

0.9789, 2.1601,
5.1751

227.8027,

0.0000, 0.6981,

273.9244, 355.0709

2.2899

274.7226,
327.7391, 420.6647

■ 0.0000, 0.0000,
0.7255

■ 0.0000, 0.0000,
0.0000

■ 37.7107, 50.3869,
74.0677

■ 37.7107, 50.3869,
74.0677

■ 35.7018, 48.6331,
73.8360

■ 40.3234, 52.4636,
74.3318

■ 34.2315, 47.1652,
73.6302


■ 43.5877, 54.8846,
74.6270


■ 33.2276, 45.9472,
73.4480


■ 47.5520, 57.6759,
74.9569


■ 32.7612, 45.2742,
73.3426

■ 52.2587, 60.8595,
75.3233

 57.7468, 64.4555,
75.7281

 64.0526, 68.4827,
76.1731

 71.2100, 72.9585,
76.6598

 79.2513, 77.8996,
77.1897

 80.3767, 79.2852,
77.3978

Harmonies

Analogous

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



36.4046, 50.3869, 54.1110



37.7107, 50.3869, 74.0677



41.6773, 50.3869, 91.7185

Triad

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



37.7107, 50.3869, 74.0677



59.4515, 50.3869, 75.6771



48.1554, 50.3869, 26.1962

Complementary

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



37.7107, 50.3869, 74.0677



34.1531, 23.1256, 10.0623

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.



54.6940, 50.3869, 29.4986



37.7107, 50.3869, 74.0677



61.5707, 50.3869, 55.6215

Square

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



37.7107, 50.3869, 74.0677



54.1965, 50.3869, 92.7864



59.7566, 50.3869, 39.3025



42.0950, 50.3869, 29.0021

Rectangle

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



37.7107, 50.3869, 74.0677



45.4932, 50.3869, 98.2281



59.7566, 50.3869, 39.3025



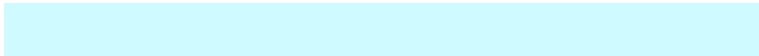
50.3721, 50.3869, 26.6121

Sweetspot

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



37.7123, 50.3888, 74.0689



77.9881, 89.0838, 107.6922



30.1676, 52.5544, 18.3593



16.2223, 18.7577, 23.0155



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.



37.7123, 50.3888, 74.0689



50.0124, 68.4981, 105.1933



24.8148, 24.5938, 69.7697



13.3354, 14.6105, 16.7694



19.6698, 27.2090, 43.9536



1.3053, 1.8247, 2.8579

Inverse Universe

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



42.7302, 24.9067, 60.3149



58.0193, 30.4454, 82.6624



42.9114, 40.6422, 12.9818



13.5591, 13.2528, 16.2057



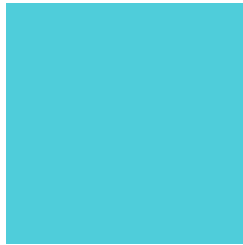
23.4237, 11.3705, 32.9410



1.5331, 0.7429, 2.2164

Previews

White Background



This preview shows how the XYZ color 37.7107, 50.3869, 74.0677 looks on a white background.

Color Contrast Check

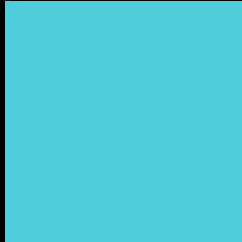
Large Text (above 18pt) WCAG AA × Fail

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 37.7107, 50.3869, 74.0677 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 37.7107, 50.3869, 74.0677

Background



This preview shows how black text looks on a background with the XYZ color 37.7107, 50.3869, 74.0677.



This preview shows how white text looks on a background with the XYZ color 37.7107, 50.3869,

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

37.7107, 50.3869, 74.0677

Protanopia

48.5859, 49.8399, 64.8169

Deuteranopia

50.7463, 49.7595, 76.7420



Tritanopia

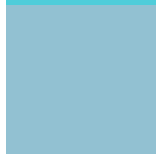
38.2758, 50.6324, 76.1623

Trichromacy



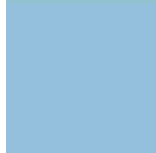
Original Color

37.7107, 50.3869, 74.0677



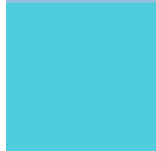
Protanomaly

42.5569, 48.9041, 68.1692



Deuteranomaly

43.8947, 48.7780, 75.5082



Tritanomaly

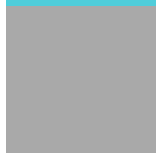
38.0579, 50.5354, 75.4586

Monochromacy



Original Color

37.7107, 50.3869, 74.0677



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

35.8509, 42.2780, 53.2846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7107, 50.3869, 74.0677 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(79, 205, 218)` looks like.

```
.text, #text, p{  
    color:rgb(79, 205, 218)  
}
```

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(79, 205, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 205, 218) }
```

Border

The CSS property to change the border of an element to XYZ 37.7107, 50.3869, 74.0677 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(79, 205, 218) }
```


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

```
.border{ border-color:rgb(79, 205, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 205, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 205, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 205, 218);  
box-shadow:4px 4px 4px 4px rgb(79, 205,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7107, 50.3869, 74.0677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 205, 218) }
```

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

```
.background{ background-color: rgb(79, 205,  
218) }
```

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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