

Converting Colors

XYZ(34.0639, 41.2164, 63.3132)

Have a look what the booklet for
XYZ(34.0639, 41.2164, 63.3132)
contains.

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Color

**XYZ(34.0574, 41.1305,
63.2707)**

Conversions

Conversions Part 1

Format	Color
Hex	6EB6CC
RGB	110, 182, 204
RGB Percent	43%, 71%, 80%
CMY	0.5686, 0.2863, 0.2000
CMYK	0.46, 0.11, 0.00, 0.20
HSL	194°, 48%, 62%
HSV	194°, 46%, 80%
XYZ	34.0574, 41.1305, 63.2707
YIQ	162.9800, -49.9740, -8.4220

Conversions

Conversions Part 2

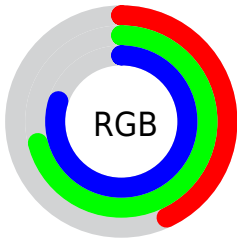
Format	Color
RYB	110, 151, 204
Decimal	7255756
CIELab	70.27, -16.71, -18.16
CIELCh	70, 24.674, 227.386
Yxy	41.1305, 0.2460, 0.2971
Android (android.graphics.Color)	4285445836 (0xFF6EB6CC)
YUV	162.9800, 20.2229, -46.4635
Hunter-Lab	64.1331, -17.4417, -13.5996

Details

The XYZ color **34.0574, 41.1305, 63.2707** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.9684, 30.4665, 18.7379**, and the grayscale version is **34.7289, 36.5375, 39.7893**.

A 20% lighter version of the original color is **64.3504, 76.4761, 105.9775**, and **14.8235, 18.6594, 31.6745** is the 20% darker color. If you saturate the color by 10%, you get **30.8446, 38.0483, 62.8458**, and if you desaturate by 10%, it is **37.8904, 44.5837, 63.7360**.

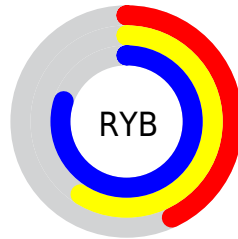
Distribution



Red (43%)

Green (71%)

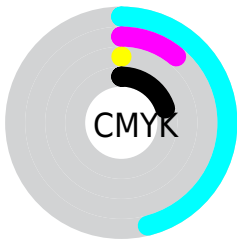
Blue (80%)



Red (43%)

Yellow (59%)

Blue (80%)

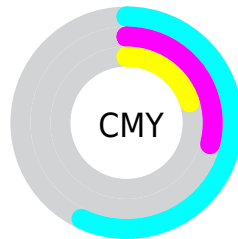


Cyan (46%)

Magenta (11%)

Yellow (0%)

Black (20%)



Cyan (57%)

Magenta (29%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0574, 41.1305, 63.2707 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 34.0574, 41.1305, 63.2707 by changing the saturation by 10% instead.

■ 34.0574, 41.1305,
63.2707

■ 34.0574, 41.1305,
63.2707

311.9693,
350.8657, 454.6862

■ 23.1008, 28.4211,
45.6178

■ 65.3666, 76.8820,
111.1493

■ 14.7891, 18.6433,
31.5979

■ 86.4499, 100.6928,
142.2121

■ 8.7568, 11.4128,
20.7923

■ 111.6396,
128.9728, 178.5820

■ 4.6387, 6.3452,
12.7825

141.3008,
162.1066, 220.6775

■ 2.0695, 3.0561,
7.1500

175.7991,
200.4783, 268.9171

■ 0.6725, 1.1611,
3.4762

215.4997,

■ 0.0000, 0.0296,

244.4725, 323.7194

1.3426

260.7680,
294.4735, 385.5029

■ 0.0000, 0.0000,
0.0963

■ 0.0000, 0.0000,
0.0000

■ 34.0574, 41.1305,
63.2707

■ 34.0574, 41.1305,
63.2707

■ 30.8446, 38.0483,
62.8458

■ 37.8904, 44.5837,
63.7360

■ 28.2071, 35.3107,
62.4565

■ 42.3767, 48.4229,
64.2405

■ 26.1001, 32.8952,
62.1013

■ 47.5518, 52.6675,
64.7871

■ 24.4697, 30.7733,
61.7776

■ 53.4474, 57.3345,
65.3772

■ 23.2488, 28.9101,
61.4823

■ 60.0929, 62.4395,
66.0123

■ 22.8312, 28.2236,
61.3718

■ 67.5165, 67.9973,
66.6938

■ 75.7444, 74.0221,
67.4230

■ 77.7841, 76.9095,
67.8728

■ 79.0566, 79.4545,
68.2970

Harmonies

Analogous

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



32.1269, 41.1305, 51.7796



34.0574, 41.1305, 63.2707



37.4183, 41.1305, 70.2454

Triad

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



34.0574, 41.1305, 63.2707



47.1902, 41.1305, 49.8299



36.8137, 41.1305, 26.7039

Complementary

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



34.0574, 41.1305, 63.2707



35.9684, 30.4665, 18.7379

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.



40.8176, 41.1305, 26.3651



34.0574, 41.1305, 63.2707



47.0004, 41.1305, 38.4489

Square

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



34.0574, 41.1305, 63.2707



45.1048, 41.1305, 61.6328



44.6027, 41.1305, 30.3026



33.6411, 41.1305, 31.3253

Rectangle

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



34.0574, 41.1305, 63.2707



40.1023, 41.1305, 70.7231



44.6027, 41.1305, 30.3026



38.1014, 41.1305, 26.1179

Sweetspot

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



34.0587, 41.1321, 63.2717



80.5061, 88.6313, 107.4722



32.1846, 48.1657, 29.4077



16.7987, 18.6231, 22.9592



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.



34.0587, 41.1321, 63.2717



51.2558, 63.1847, 104.1021



26.0038, 25.0224, 60.5867



11.3121, 12.2646, 14.3415



14.4442, 17.9123, 38.6524



0.8006, 1.0350, 2.0125

Inverse Universe

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



38.9223, 27.3678, 47.4887



60.5509, 38.7480, 73.5196



43.8240, 46.1777, 21.3564



11.5709, 11.3571, 13.5409



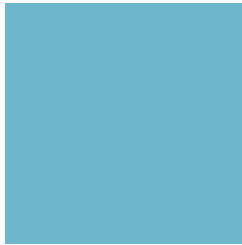
19.5017, 9.6113, 20.8922



1.0341, 0.5070, 1.2252

Previews

White Background



This preview shows how the XYZ color 34.0574, 41.1305, 63.2707 looks on a white background.

Color Contrast Check

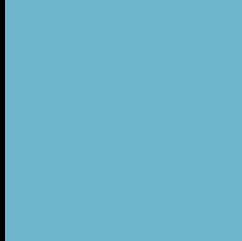
Large Text (above 18pt) WCAG AA × Fail

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 34.0574, 41.1305, 63.2707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

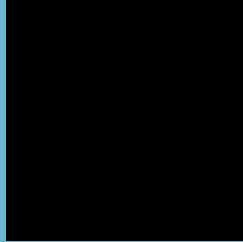
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.0574, 41.1305, 63.2707

Background



This preview shows how black text looks on a background with the XYZ color 34.0574, 41.1305, 63.2707.



This preview shows how white text looks on a background with the XYZ color 34.0574, 41.1305,

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

34.0574, 41.1305, 63.2707

Protanopia

40.2749, 40.9505, 58.0061

Deuteranopia

41.6588, 40.6885, 64.6895



Tritanopia

33.3109, 41.1323, 59.6097

Trichromacy



Original Color

34.0574, 41.1305, 63.2707

Protanomaly

37.2989, 40.5066, 59.8855

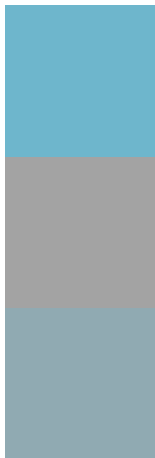
Deuteranomaly

38.1058, 40.2572, 64.1545

Tritanomaly

33.6655, 41.2883, 60.8387

Monochromacy



Original Color

34.0574, 41.1305, 63.2707

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.9122, 37.8931, 47.6462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0574, 41.1305, 63.2707 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(110, 182, 204)` looks like.

```
.text, #text, p{  
    color:rgb(110, 182, 204)  
}
```

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(110, 182, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 182, 204) }
```

Border

The CSS property to change the border of an element to XYZ 34.0574, 41.1305, 63.2707 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(110, 182, 204) }
```


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

```
.border{ border-color:rgb(110, 182, 204) }
```

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

Here you see how a box with a 4 pixel rgb(110, 182, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 182, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 182, 204);  
box-shadow:4px 4px 4px 4px rgb(110, 182,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0574, 41.1305, 63.2707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 182, 204) }
```

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

```
.background{ background-color: rgb(110,  
182, 204) }
```

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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