

Converting Colors

XYZ(31.4324, 38.5857, 69.5434)

Have a look what the booklet for
XYZ(31.4324, 38.5857, 69.5434)
contains.

XYZ(31.4821, 38.7575, 69.4400)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.4821, 38.7575,
69.4400)**

Conversions

Conversions Part 1

Format	Color
Hex	4FB3D6
RGB	79, 179, 214
RGB Percent	31%, 70%, 84%
CMY	0.6902, 0.2980, 0.1608
CMYK	0.63, 0.16, 0.00, 0.16
HSL	196°, 62%, 57%
HSV	196°, 63%, 84%
XYZ	31.4821, 38.7575, 69.4400
YIQ	153.0900, -70.8350, -10.3150

Conversions

Conversions Part 2

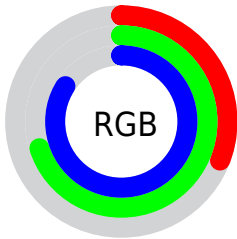
Format	Color
RYB	79, 136, 214
Decimal	5223382
CIELab	68.58, -18.60, -26.33
CIELCh	69, 32.239, 234.765
Yxy	38.7575, 0.2254, 0.2775
Android (android.graphics.Color)	4283413462 (0xFF4FB3D6)
YUV	153.0900, 30.0286, -64.9769
Hunter-Lab	62.2555, -18.6812, -22.5534

Details

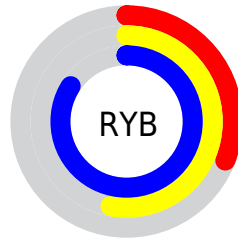
The XYZ color **31.4821, 38.7575, 69.4400** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **35.1613, 26.8967, 10.7368**, and the grayscale version is **30.2143, 31.7877, 34.6169**.

A 20% lighter version of the original color is **58.5735, 72.2121, 105.4589**, and **13.7189, 17.4249, 35.4412** is the 20% darker color. If you saturate the color by 10%, you get **28.8907, 35.8046, 69.0074**, and if you desaturate by 10%, it is **34.6935, 42.0980, 69.9162**.

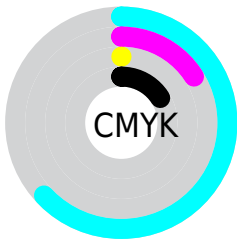
Distribution



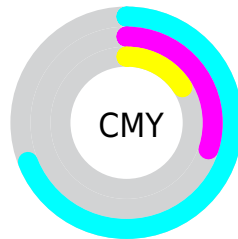
- Red (31%)
- Green (70%)
- Blue (84%)



- Red (31%)
- Yellow (53%)
- Blue (84%)



- Cyan (63%)
- Magenta (16%)
- Yellow (0%)
- Black (16%)



- Cyan (69%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4821, 38.7575, 69.4400 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 31.4821, 38.7575, 69.4400 by changing the saturation by 10% instead.

■ 31.4821, 38.7575,
69.4400

■ 31.4821, 38.7575,
69.4400

300.5406,
340.8584, 477.3172

■ 21.1199, 26.5711,
50.5961

■ 61.3690, 73.2677,
120.0834

■ 13.3246, 17.2514,
35.5128

■ 81.6243, 96.3603,
152.7201

■ 7.7310, 10.4139,
23.7715

■ 105.9081,
123.8572, 190.7914

■ 3.9736, 5.6742,
14.9535

■ 134.5857,
156.1426, 234.7160

■ 1.6872, 2.6480,
8.6405

168.0223,
193.6011, 284.9123

■ 0.4483, 0.9509,
4.4139

206.5835,

■ 0.0000, 0.0000,

236.6169, 341.7989

1.8550

250.6344,
285.5746, 405.7944

■ 0.0000, 0.0000,
0.4639

■ 0.0000, 0.0000,
0.0000

■ 31.4821, 38.7575,
69.4400

■ 31.4821, 38.7575,
69.4400

■ 28.8907, 35.8046,
69.0074

■ 34.6935, 42.0980,
69.9162

■ 26.8579, 33.2046,
68.6126

■ 38.5714, 45.8484,
70.4358

■ 25.3151, 30.9221,
68.2534

■ 43.1617, 50.0341,
71.0018

■ 24.4534, 29.4864,
68.0217

■ 48.5054, 54.6768,
71.6162

■ 54.6399, 59.7965,
72.2811

■ 61.6003, 65.4121,
72.9982

■ 69.4193, 71.5412,
73.7691

■ 78.1279, 78.2003,
74.5955

■ 81.3794, 82.1184,
75.1803

Harmonies

Analogous

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



28.6568, 38.7575, 55.0451



31.4821, 38.7575, 69.4400



35.9534, 38.7575, 76.6613

Triad

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



31.4821, 38.7575, 69.4400



47.4528, 38.7575, 44.8058



32.8935, 38.7575, 21.5452

Complementary

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



31.4821, 38.7575, 69.4400



35.1613, 26.8967, 10.7368

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.



37.7367, 38.7575, 20.0132



31.4821, 38.7575, 69.4400



46.4441, 38.7575, 31.5274

Square

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



31.4821, 38.7575, 69.4400



45.4113, 38.7575, 60.4960



42.7690, 38.7575, 23.2180



29.4177, 38.7575, 28.0242

Rectangle

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



31.4821, 38.7575, 69.4400



39.3853, 38.7575, 75.4652



42.7690, 38.7575, 23.2180



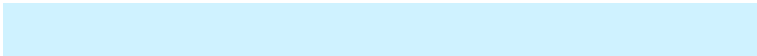
34.4027, 38.7575, 20.5084

Sweetspot

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



31.4834, 38.7589, 69.4409



75.5395, 84.1865, 106.8760



30.2387, 50.9430, 23.7899



15.6235, 17.5600, 22.8159



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.



31.4834, 38.7589, 69.4409



41.7597, 51.7643, 102.3983



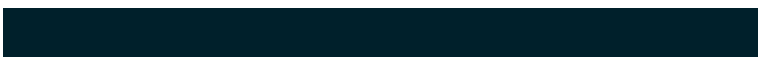
21.2406, 18.2734, 66.0267



12.5070, 13.5375, 15.8913



14.8685, 17.9988, 41.1436



0.9620, 1.2160, 2.5033

Inverse Universe

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



38.6653, 23.1440, 45.0786



53.9094, 29.0149, 60.3622



45.5157, 47.6055, 14.1882



12.8091, 12.5751, 14.9351



20.5638, 10.1618, 20.8048



1.2732, 0.6261, 1.4282

Previews

White Background



This preview shows how the XYZ color 31.4821, 38.7575, 69.4400 looks on a white background.

Color Contrast Check

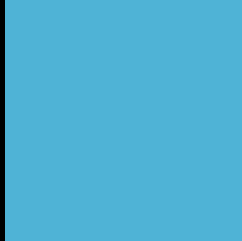
Large Text (above 18pt) WCAG AA × Fail

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 31.4821, 38.7575, 69.4400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

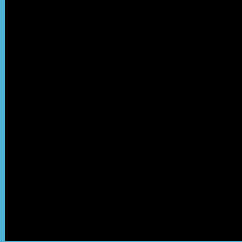
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.4821, 38.7575, 69.4400

Background



This preview shows how black text looks on a background with the XYZ color 31.4821, 38.7575, 69.4400.



This preview shows how white text looks on a background with the XYZ color 31.4821, 38.7575,

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

31.4821, 38.7575, 69.4400

Protanopia

38.2588, 38.4380, 62.5296

Deuteranopia

39.1391, 38.1727, 70.9509



Tritanopia

29.4045, 38.8267, 58.7678

Trichromacy



Original Color

31.4821, 38.7575, 69.4400

Protanomaly

34.8132, 37.9706, 65.1687

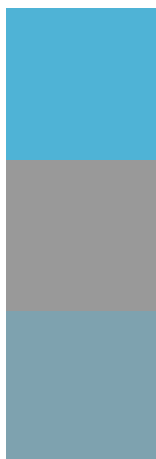
Deuteranomaly

35.3350, 37.8458, 70.4084

Tritanomaly

30.1274, 38.8154, 62.4042

Monochromacy



Original Color

31.4821, 38.7575, 69.4400

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.2624, 33.3714, 45.4565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4821, 38.7575, 69.4400 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, 179, 214)` looks like.

```
.text, #text, p{  
    color:rgb(79, 179, 214)  
}
```

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, 179, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 179, 214) }
```

Border

The CSS property to change the border of an element to XYZ 31.4821, 38.7575, 69.4400 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, 179, 214) }
```


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

```
.border{ border-color:rgb(79, 179, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 179, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 179, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 179, 214);  
box-shadow:4px 4px 4px 4px rgb(79, 179,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4821, 38.7575, 69.4400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 179, 214) }
```

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

```
.background{ background-color: rgb(79, 179,  
214) }
```

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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