

Converting Colors

XYZ(31.4291, 34.8085, 55.4997)

Have a look what the booklet for
XYZ(31.4291, 34.8085, 55.4997)
contains.

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Color

**XYZ(31.3585, 34.7611,
55.5089)**

Conversions

Conversions Part 1

Format	Color
Hex	7DA4C1
RGB	125, 164, 193
RGB Percent	49%, 64%, 76%
CMY	0.5098, 0.3569, 0.2431
CMYK	0.35, 0.15, 0.00, 0.24
HSL	206°, 35%, 62%
HSV	206°, 35%, 76%
XYZ	31.3585, 34.7611, 55.5089
YIQ	155.6450, -32.5530, 0.7510

Conversions

Conversions Part 2

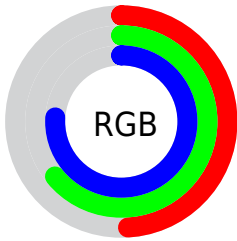
Format	Color
R _Y B	125, 150, 193
Decimal	8234177
CIE Lab	65.56, -6.07, -19.15
CIE LCh	66, 20.084, 252.421
Yxy	34.7611, 0.2578, 0.2858
Android (android.graphics.Color)	4286424257 (0xFF7DA4C1)
YUV	155.6450, 18.4160, -26.8757
Hunter-Lab	58.9585, -8.2380, -14.5500

Details

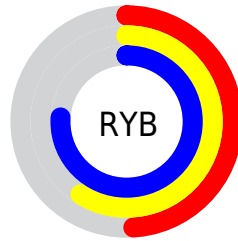
The XYZ color **31.3585, 34.7611, 55.5089** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **37.2502, 35.9298, 24.3748**, and the grayscale version is **31.3737, 33.0076, 35.9453**.

A 20% lighter version of the original color is **61.1772, 67.1489, 100.1791**, and **13.2020, 14.8689, 26.6003** is the 20% darker color. If you saturate the color by 10%, you get **27.3846, 30.5969, 54.9152**, and if you desaturate by 10%, it is **35.9774, 39.4009, 56.1616**.

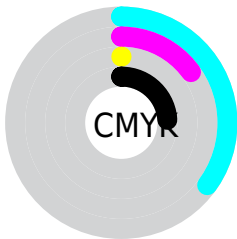
Distribution



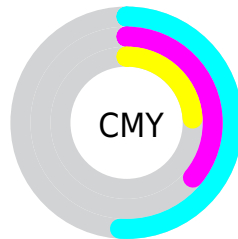
- Red (49%)
- Green (64%)
- Blue (76%)



- Red (49%)
- Yellow (59%)
- Blue (76%)



- Cyan (35%)
- Magenta (15%)
- Yellow (0%)
- Black (24%)



- Cyan (51%)
- Magenta (36%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3585, 34.7611, 55.5089 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 31.3585, 34.7611, 55.5089 by changing the saturation by 10% instead.

■ 31.3585, 34.7611,
55.5089

■ 31.3585, 34.7611,
55.5089

299.9840,
323.5126, 425.1743

■ 21.0252, 23.4789,
39.4080

■ 61.1761, 67.1155,
99.7648

■ 13.2550, 14.9475,
26.7670

■ 81.3910, 88.9565,
128.7568

■ 7.6826, 8.7826,
17.1674

■ 105.6305,
115.0859, 162.8830

■ 3.9426, 4.5996,
10.1907

134.2599,
145.8881, 202.5618

■ 1.6697, 2.0143,
5.4183

167.6446,
181.7475, 248.2118

■ 0.4372, 0.6158,
2.4317

206.1500,

■ 0.0000, 0.0000,

223.0484, 300.2515

0.8037

250.1413,
270.1753, 359.0995

■ 0.0000, 0.0000,
0.0000

■ 31.3585, 34.7611,
55.5089

■ 31.3585, 34.7611,
55.5089

■ 27.3846, 30.5969,
54.9152

■ 35.9774, 39.4009,
56.1616

■ 24.0188, 26.8842,
54.3760

■ 41.2689, 44.5309,
56.8729

■ 21.2253, 23.6027,
53.8898

■ 47.2632, 50.1697,
57.6454

■ 18.9625, 20.7281,
53.4542

■ 53.9872, 56.3338,
58.4808

■ 17.1829, 18.2330,
53.0664

■ 61.4667, 63.0389,
59.3808

■ 15.8284, 16.0845,
52.7231

■ 69.7259, 70.2997,
60.3470

■ 15.2770, 15.1527,
52.5723

■ 76.8855, 77.1497,
61.2918

■ 79.1202, 81.6192,
62.0367

■ 81.4631, 86.3050,
62.8177

Harmonies

Analogous

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



29.0331, 34.7611, 49.8761



31.3585, 34.7611, 55.5089



34.2723, 34.7611, 55.9980

Triad

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



31.3585, 34.7611, 55.5089



38.8836, 34.7611, 34.4669



29.3650, 34.7611, 27.0952

Complementary

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



31.3585, 34.7611, 55.5089



37.2502, 35.9298, 24.3748

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.



31.8364, 34.7611, 24.1178



31.3585, 34.7611, 55.5089



37.3983, 34.7611, 27.9296

Square

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



31.3585, 34.7611, 55.5089



38.7367, 34.7611, 42.9612



34.7793, 34.7611, 24.3987



27.9300, 34.7611, 33.1592

Rectangle

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



31.3585, 34.7611, 55.5089



36.1691, 34.7611, 53.2549



34.7793, 34.7611, 24.3987



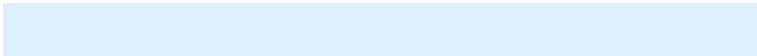
30.0956, 34.7611, 25.7437

Sweetspot

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



31.3596, 34.7625, 55.5097



78.1160, 83.7427, 102.4071



33.3056, 44.8116, 37.1766



16.4502, 17.6743, 21.9298



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.3596, 34.7625, 55.5097



50.7714, 56.6401, 98.6170



26.1556, 24.3544, 53.7750



9.9971, 10.6855, 12.8204



10.2415, 10.2395, 34.9932



0.5097, 0.5768, 1.5344

Inverse Universe

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



36.0277, 28.6860, 38.7614



60.5414, 44.9532, 63.3324



43.5358, 48.5011, 26.4700



10.3098, 10.1725, 11.7222



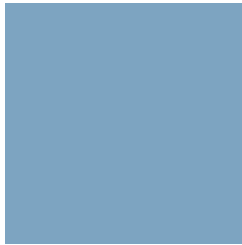
16.5654, 8.3159, 10.8894



0.7497, 0.3729, 0.6491

Previews

White Background



This preview shows how the XYZ color 31.3585, 34.7611, 55.5089 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 31.3585, 34.7611, 55.5089 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

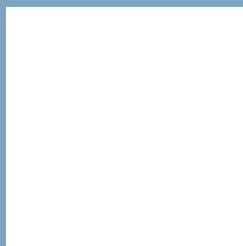
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.3585, 34.7611, 55.5089

Background



This preview shows how black text looks on a background with the XYZ color 31.3585, 34.7611, 55.5089.



This preview shows how white text looks on a background with the XYZ color 31.3585, 34.7611,

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

31.3585, 34.7611, 55.5089

Protanopia

34.0830, 34.4202, 52.4243

Deuteranopia

35.2820, 34.4507, 56.4199



Tritanopia

29.9005, 34.7053, 48.3029

Trichromacy



Original Color

31.3585, 34.7611, 55.5089

Protanomaly

33.0204, 34.6101, 53.6553

Deuteranomaly

33.6415, 34.3685, 55.8996

Tritanomaly

30.3805, 34.6240, 50.9808

Monochromacy



Original Color

31.3585, 34.7611, 55.5089

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.2366, 33.6806, 42.3908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3585, 34.7611, 55.5089 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(125, 164, 193)` looks like.

```
.text, #text, p{  
    color:rgb(125, 164, 193)  
}
```

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(125, 164, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 164, 193) }
```

Border

The CSS property to change the border of an element to XYZ 31.3585, 34.7611, 55.5089 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(125, 164, 193) }
```


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

```
.border{ border-color:rgb(125, 164, 193) }
```

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

Here you see how a box with a 4 pixel rgb(125, 164, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 164, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 164, 193);  
box-shadow:4px 4px 4px 4px rgb(125, 164,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3585, 34.7611, 55.5089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 164, 193) }
```

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

```
.background{ background-color: rgb(125,  
164, 193) }
```

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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