

Converting Colors

XYZ(32.0264, 38.5077, 55.1799)

Have a look what the booklet for
XYZ(32.0264, 38.5077, 55.1799)
contains.

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Color

**XYZ(31.9995, 38.4571,
55.0266)**

Conversions

Conversions Part 1

Format	Color
Hex	73B0BF
RGB	115, 176, 191
RGB Percent	45%, 69%, 75%
CMY	0.5490, 0.3098, 0.2510
CMYK	0.40, 0.08, 0.00, 0.25
HSL	192°, 37%, 60%
HSV	192°, 40%, 75%
XYZ	31.9995, 38.4571, 55.0266
YIQ	159.4710, -41.1710, -8.2670

Conversions

Conversions Part 2

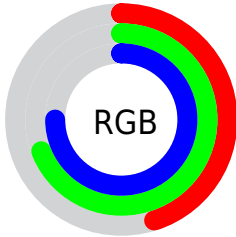
Format	Color
RYB	115, 149, 191
Decimal	7581887
CIELab	68.36, -15.77, -13.87
CIElCh	68, 20.999, 221.321
Yxy	38.4571, 0.2550, 0.3065
Android (android.graphics.Color)	4285771967 (0xFF73B0BF)
YUV	159.4710, 15.5438, -39.0011
Hunter-Lab	62.0138, -16.4170, -9.2001

Details

The XYZ color **31.9995, 38.4571, 55.0266** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.5636, 28.2799, 19.9628**, and the grayscale version is **33.1158, 34.8404, 37.9412**.

A 20% lighter version of the original color is **62.2227, 72.9747, 98.8017**, and **13.5949, 16.9930, 26.6082** is the 20% darker color. If you saturate the color by 10%, you get **29.0148, 35.8373, 54.6789**, and if you desaturate by 10%, it is **35.5274, 41.3892, 55.4073**.

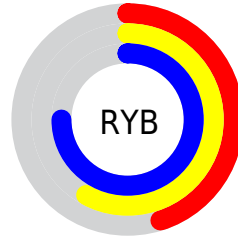
Distribution



Red (45%)

Green (69%)

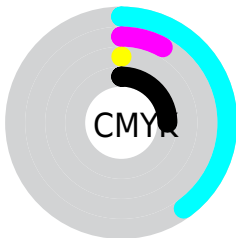
Blue (75%)



Red (45%)

Yellow (58%)

Blue (75%)

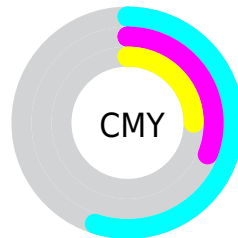


Cyan (40%)

Magenta (8%)

Yellow (0%)

Black (25%)



Cyan (55%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.9995, 38.4571, 55.0266 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 31.9995, 38.4571, 55.0266 by changing the saturation by 10% instead.

■ 31.9995, 38.4571,
55.0266

■ 31.9995, 38.4571,
55.0266

302.8623,
339.5768, 423.2975

■ 21.5167, 26.3376,
39.0243

■ 62.1755, 72.8082,
99.0515

■ 13.6168, 17.0764,
26.4706

■ 82.5994, 95.8087,
127.9111

■ 7.9345, 10.2890,
16.9471

■ 107.0676,
123.2049, 161.8936

■ 4.1045, 5.5910,
10.0353

135.9457,
155.3813, 201.4174

■ 1.7614, 2.5980,
5.3164

169.5988,
192.7223, 246.9012

■ 0.4943, 0.9257,
2.3721

208.3924,

■ 0.0000, 0.0000,

235.6123, 298.7635

0.7712

252.6917,
284.4357, 357.4227

■ 0.0000, 0.0000,
0.0000

■ 31.9995, 38.4571,
55.0266

■ 31.9995, 38.4571,
55.0266

■ 29.0148, 35.8373,
54.6789

■ 35.5274, 41.3892,
55.4073

■ 26.5373, 33.5083,
54.3599

■ 39.6248, 44.6447,
55.8197

■ 24.5320, 31.4527,
54.0689

■ 44.3204, 48.2395,
56.2661

■ 22.9577, 29.6491,
53.8037

■ 49.6399, 52.1871,
56.7477

■ 21.7660, 28.0721,
53.5621

■ 55.6075, 56.5003,
57.2657

■ 20.8638, 26.6737,
53.3398

■ 62.2461, 61.1909,
57.8212

■ 20.8458, 26.6450,
53.3352

■ 69.5773, 66.2706,
58.4152

■ 72.7534, 69.2403,
58.8211

■ 73.6727, 71.0789,
59.1275

Harmonies

Analogous

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



30.6877, 38.4571, 45.5356



31.9995, 38.4571, 55.0266



34.5614, 38.4571, 61.5120

Triad

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



31.9995, 38.4571, 55.0266



42.8859, 38.4571, 47.9545



35.3232, 38.4571, 26.4881

Complementary

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



31.9995, 38.4571, 55.0266



32.5636, 28.2799, 19.9628

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.



38.6182, 38.4571, 26.9345



31.9995, 38.4571, 55.0266



43.1203, 38.4571, 38.4128

Square

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



31.9995, 38.4571, 55.0266



40.8953, 38.4571, 57.0248



41.5177, 38.4571, 31.0031



32.5283, 38.4571, 29.6756

Rectangle

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



31.9995, 38.4571, 55.0266



36.6985, 38.4571, 62.7485



41.5177, 38.4571, 31.0031



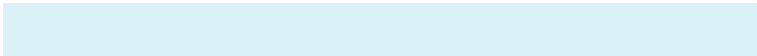
36.4065, 38.4571, 26.2324

Sweetspot

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



32.0007, 38.4586, 55.0275



77.2581, 84.7938, 100.5740



29.6599, 42.4904, 27.3848



16.7150, 18.4297, 22.0616



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.



32.0007, 38.4586, 55.0275



52.4725, 64.6427, 97.9908



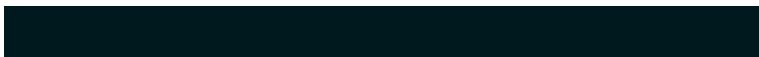
25.7173, 25.8919, 52.9331



9.6443, 10.4809, 12.1869



13.7566, 17.6249, 35.0698



0.5804, 0.7735, 1.3876

Inverse Universe

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



35.4540, 26.4734, 44.3172



59.7255, 40.8164, 75.1943



38.3876, 39.9280, 21.9042



9.8471, 9.6631, 11.5836



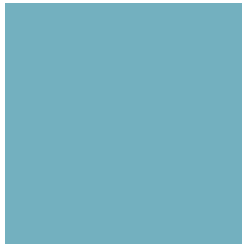
17.9445, 8.8089, 20.7989



0.7239, 0.3534, 0.9251

Previews

White Background



This preview shows how the XYZ color 31.9995, 38.4571, 55.0266 looks on a white background.

Color Contrast Check

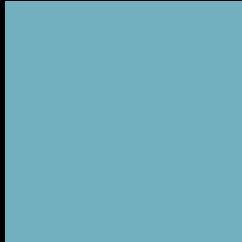
Large Text (above 18pt) WCAG AA × Fail

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 31.9995, 38.4571, 55.0266 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

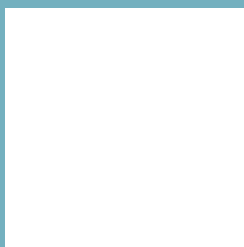
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.9995, 38.4571, 55.0266

Background



This preview shows how black text looks on a background with the XYZ color 31.9995, 38.4571, 55.0266.



This preview shows how white text looks on a background with the XYZ color 31.9995, 38.4571,

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

31.9995, 38.4571, 55.0266

Protanopia

37.4167, 38.2635, 50.7609

Deuteranopia

39.0201, 38.1707, 56.3500



Tritanopia

31.8898, 38.4132, 54.4489

Trichromacy



Original Color

31.9995, 38.4571, 55.0266

Protanomaly

35.0117, 38.0748, 52.5176

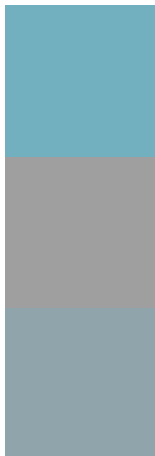
Deuteranomaly

35.8388, 37.8772, 55.8742

Tritanomaly

31.8898, 38.4132, 54.4489

Monochromacy



Original Color

31.9995, 38.4571, 55.0266

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.1335, 35.6902, 43.7234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9995, 38.4571, 55.0266 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(115, 176, 191)` looks like.

```
.text, #text, p{  
    color:rgb(115, 176, 191)  
}
```

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(115, 176, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 176, 191) }
```

Border

The CSS property to change the border of an element to XYZ 31.9995, 38.4571, 55.0266 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(115, 176, 191) }
```


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

```
.border{ border-color:rgb(115, 176, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 176, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 176, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 176, 191);  
box-shadow:4px 4px 4px 4px rgb(115, 176,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9995, 38.4571, 55.0266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 176, 191) }
```

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

```
.background{ background-color: rgb(115,  
176, 191) }
```

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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