

Converting Colors

XYZ(30.7536, 35.7094, 66.6064)

Have a look what the booklet for
XYZ(30.7536, 35.7094, 66.6064)
contains.

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Color

**XYZ(30.8519, 35.8855,
66.9285)**

Conversions

Conversions Part 1

Format	Color
Hex	5FAAD3
RGB	95, 170, 211
RGB Percent	37%, 67%, 83%
CMY	0.6274, 0.3333, 0.1725
CMYK	0.55, 0.19, 0.00, 0.17
HSL	201°, 57%, 60%
HSV	201°, 55%, 83%
XYZ	30.8519, 35.8855, 66.9285
YIQ	152.2490, -57.8610, -3.1490

Conversions

Conversions Part 2

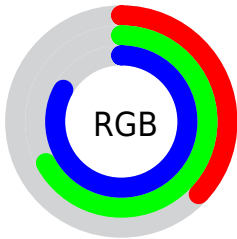
Format	Color
RYB	95, 141, 211
Decimal	6269651
CIELab	66.43, -11.69, -27.93
CIELCh	66, 30.274, 247.291
Yxy	35.8855, 0.2308, 0.2685
Android (android.graphics.Color)	4284459731 (0xFF5FAAD3)
YUV	152.2490, 28.9642, -50.2074
Hunter-Lab	59.9045, -12.9022, -24.3088

Details

The XYZ color **30.8519, 35.8855, 66.9285** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **37.7348, 32.2848, 15.0705**, and the grayscale version is **29.8504, 31.4049, 34.1999**.

A 20% lighter version of the original color is **58.1121, 67.8427, 104.6399**, and **12.9581, 15.6040, 33.7814** is the 20% darker color. If you saturate the color by 10%, you get **27.5913, 32.1883, 66.3874**, and if you desaturate by 10%, it is **34.7877, 40.0499, 67.5255**.

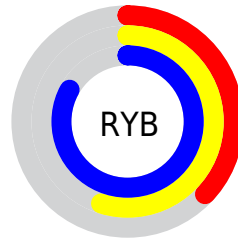
Distribution



Red (37%)

Green (67%)

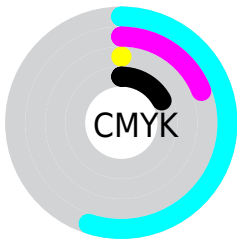
Blue (83%)



Red (37%)

Yellow (55%)

Blue (83%)

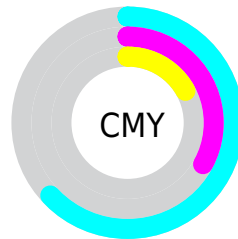


Cyan (55%)

Magenta (19%)

Yellow (0%)

Black (17%)



Cyan (63%)

Magenta (33%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8519, 35.8855, 66.9285 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 30.8519, 35.8855, 66.9285 by changing the saturation by 10% instead.

■ 30.8519, 35.8855,
66.9285

■ 30.8519, 35.8855,
66.9285

297.6945,
328.4598, 468.1848

■ 20.6374, 24.3458,
48.5653

■ 60.3843, 68.8553,
116.4576

■ 12.9701, 15.5903,
33.9116

■ 80.4328, 91.0542,
148.4606

■ 7.4848, 9.2347,
22.5489

■ 104.4901,
117.5749, 185.8473

■ 3.8161, 4.8946,
14.0586

■ 132.9214,
148.8018, 229.0362

■ 1.5986, 2.1856,
8.0222

166.0921,
185.1194, 278.4459

■ 0.3915, 0.7121,
4.0212

204.3677,

■ 0.0000, 0.0000,

226.9120, 334.4948

1.6370

248.1134,
274.5640, 397.6016

■ 0.0000, 0.0000,
0.3170

■ 0.0000, 0.0000,
0.0000

■ 30.8519, 35.8855,
66.9285

■ 30.8519, 35.8855,
66.9285

■ 27.5913, 32.1883,
66.3874

■ 34.7877, 40.0499,
67.5255

■ 24.9518, 28.9265,
65.8969

■ 39.4401, 44.7027,
68.1784

■ 22.8764, 26.0693,
65.4548

■ 44.8511, 49.8679,
68.8902

■ 21.2940, 23.5780,
65.0573

■ 51.0582, 55.5669,
69.6631

■ 20.6219, 22.4309,
64.8714

■ 58.0963, 61.8194,
70.4990

■ 65.9983, 68.6440,
71.3998

■ 74.7951, 76.0583,
72.3672

■ 81.2016, 82.3705,
73.2480

■ 83.3177, 86.6026,
73.9533

Harmonies

Analogous

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



27.6316, 35.8855, 56.2371



30.8519, 35.8855, 66.9285



35.2266, 35.8855, 69.4413

Triad

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



30.8519, 35.8855, 66.9285



43.5074, 35.8855, 35.9893



29.0939, 35.8855, 22.3851

Complementary

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



30.8519, 35.8855, 66.9285



37.7348, 32.2848, 15.0705

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.



33.0135, 35.8855, 19.1708



30.8519, 35.8855, 66.9285



41.5249, 35.8855, 25.8139

Square

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



30.8519, 35.8855, 66.9285



42.7992, 35.8855, 49.5266



37.5857, 35.8855, 20.2696



26.6812, 35.8855, 30.2050

Rectangle

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



30.8519, 35.8855, 66.9285



38.2638, 35.8855, 65.7279



37.5857, 35.8855, 20.2696



30.2648, 35.8855, 20.8192

Sweetspot

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



30.8531, 35.8868, 66.9294



77.1709, 84.2081, 106.7942



32.4302, 50.7885, 31.2392



16.0780, 17.6241, 22.8043



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.



30.8531, 35.8868, 66.9294



41.5832, 48.4931, 101.7762



22.3168, 18.8143, 64.0839



11.7922, 12.6746, 15.0686



12.5448, 13.7361, 39.1827



0.7746, 0.9144, 2.2152

Inverse Universe

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



38.2129, 24.9368, 40.8308



54.5326, 31.9914, 55.2362



48.1333, 53.0818, 18.5367



12.1260, 11.9351, 13.9392



18.9627, 9.4579, 15.2419



1.0972, 0.5436, 1.0468

Previews

White Background



This preview shows how the XYZ color 30.8519, 35.8855, 66.9285 looks on a white background.

Color Contrast Check

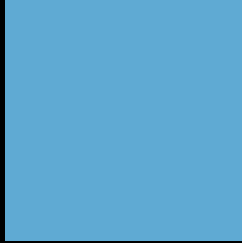
Large Text (above 18pt) WCAG AA × Fail

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 30.8519, 35.8855, 66.9285 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 30.8519, 35.8855, 66.9285

Background



This preview shows how black text looks on a background with the XYZ color 30.8519, 35.8855, 66.9285.



This preview shows how white text looks on a background with the XYZ color 30.8519, 35.8855,

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

30.8519, 35.8855, 66.9285

Protanopia

35.7553, 35.5921, 61.4854

Deuteranopia

36.3971, 35.5118, 68.5545



Tritanopia

28.0509, 35.8814, 53.0243

Trichromacy



Original Color

30.8519, 35.8855, 66.9285

Protanomaly

33.4437, 35.3964, 63.4620

Deuteranomaly

33.8327, 35.2340, 67.9685

Tritanomaly

29.0272, 35.9965, 57.6427

Monochromacy



Original Color

30.8519, 35.8855, 66.9285

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.3010, 32.6387, 44.2907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8519, 35.8855, 66.9285 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(95, 170, 211)` looks like.

```
.text, #text, p{  
    color:rgb(95, 170, 211)  
}
```

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(95, 170, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 170, 211) }
```

Border

The CSS property to change the border of an element to XYZ 30.8519, 35.8855, 66.9285 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(95, 170, 211) }
```


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

```
.border{ border-color:rgb(95, 170, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 170, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 170, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 170, 211);  
box-shadow:4px 4px 4px 4px rgb(95, 170,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8519, 35.8855, 66.9285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 170, 211) }
```

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

```
.background{ background-color: rgb(95, 170,  
211) }
```

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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