

Converting Colors

XYZ(30.5244, 32.5050, 77.3206)

Have a look what the booklet for
XYZ(30.5244, 32.5050, 77.3206)
contains.

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Color

**XYZ(30.5776, 32.5665,
77.3474)**

Conversions

Conversions Part 1

Format	Color
Hex	5B9FE3
RGB	91, 159, 227
RGB Percent	36%, 62%, 89%
CMY	0.6431, 0.3765, 0.1098
CMYK	0.60, 0.30, 0.00, 0.11
HSL	210°, 71%, 62%
HSV	210°, 60%, 89%
XYZ	30.5776, 32.5665, 77.3474
YIQ	146.4200, -62.3560, 6.7320

Conversions

Conversions Part 2

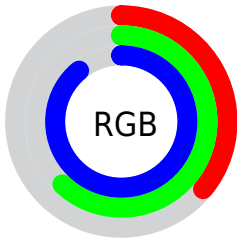
Format	Color
R _Y B	91, 136, 227
Decimal	6004707
CIE Lab	63.81, -1.40, -40.85
CIE LCh	64, 40.877, 268.040
Yxy	32.5665, 0.2176, 0.2318
Android (android.graphics.Color)	4284194787 (0xFF5B9FE3)
YUV	146.4200, 39.7259, -48.6033
Hunter-Lab	57.0671, -4.2237, -40.4134

Details

The XYZ color **30.5776, 32.5665, 77.3474** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **45.9664, 41.8844, 15.5607**, and the grayscale version is **27.3554, 28.7800, 31.3414**.

A 20% lighter version of the original color is **54.6067, 61.3878, 103.5787**, and **12.8009, 13.7106, 40.4998** is the 20% darker color. If you saturate the color by 10%, you get **26.8060, 27.8569, 76.6378**, and if you desaturate by 10%, it is **35.2074, 37.9857, 78.1500**.

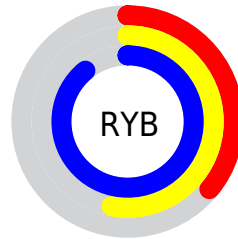
Distribution



Red (36%)

Green (62%)

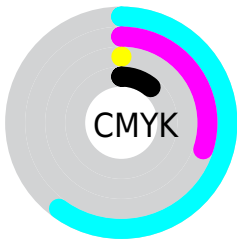
Blue (89%)



Red (36%)

Yellow (53%)

Blue (89%)

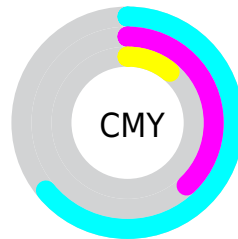


Cyan (60%)

Magenta (30%)

Yellow (0%)

Black (11%)



Cyan (64%)

Magenta (38%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5776, 32.5665, 77.3474 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 30.5776, 32.5665, 77.3474 by changing the saturation by 10% instead.

■ 30.5776, 32.5665,
77.3474

■ 30.5776, 32.5665,
77.3474

296.4493,
313.6918, 505.4168

■ 20.4277, 21.7946,
57.0248

■ 59.9548, 63.6981,
131.4072

■ 12.8164, 13.7060,
40.6156

■ 79.9128, 84.8266,
165.9815

■ 7.3783, 7.9165,
27.7014

■ 103.8708,
110.1761, 206.1435

■ 3.7482, 4.0416,
17.8636

■ 132.1943,
140.1309, 252.3116

■ 1.5607, 1.6968,
10.6837

165.2485,
175.0755, 304.9045

■ 0.3666, 0.4216,
5.7431

203.3988,

■ 0.0000, 0.0000,

215.3943, 364.3406

2.6232

247.0107,
261.4716, 431.0385

■ 0.0000, 0.0000,
0.9044

■ 0.0000, 0.0000,
0.0000

■ 30.5776, 32.5665,
77.3474

■ 30.5776, 32.5665,
77.3474

■ 26.8060, 27.8569,
76.6378

■ 35.2074, 37.9857,
78.1500

■ 23.8210, 23.8113,
76.0142

■ 40.7519, 44.1487,
79.0474

■ 21.5439, 20.3821,
75.4724

■ 47.2662, 51.0913,
80.0441

■ 19.8403, 17.4923,
75.0044

■ 54.7999, 58.8454,
81.1437

■ 19.8261, 17.4679,
75.0004

■ 63.3990, 67.4407,
82.3496

■ 73.1066, 76.9056,
83.6648

■ 83.9631, 87.2667,
85.0925

■ 89.2301, 95.0558,
86.3184

■ 90.8653, 98.3261,
86.8634

Harmonies

Analogous

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



25.4723, 32.5665, 69.5960



30.5776, 32.5665, 77.3474



36.4357, 32.5665, 71.3041

Triad

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



30.5776, 32.5665, 77.3474



41.7498, 32.5665, 22.5819



22.5038, 32.5665, 21.2242

Complementary

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



30.5776, 32.5665, 77.3474



45.9664, 41.8844, 15.5607

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.



26.0507, 32.5665, 14.2413



30.5776, 32.5665, 77.3474



37.1694, 32.5665, 14.8378

Square

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



30.5776, 32.5665, 77.3474



43.3429, 32.5665, 36.5513



31.3324, 32.5665, 12.3251



21.1834, 32.5665, 34.3894

Rectangle

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



30.5776, 32.5665, 77.3474



39.9052, 32.5665, 61.0633



31.3324, 32.5665, 12.3251



23.4519, 32.5665, 18.2490

Sweetspot

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



30.5788, 32.5676, 77.3482



73.2434, 78.5310, 105.9054



38.0426, 59.6665, 42.3142



15.0166, 16.1399, 22.5738



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.



30.5788, 32.5676, 77.3482



33.8104, 34.8396, 99.5505



21.9219, 15.2538, 74.4626



14.1752, 15.0718, 18.3064



11.6793, 10.4206, 43.7790



0.9559, 0.9558, 3.2661

Inverse Universe

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



41.6787, 26.3176, 35.6850



50.1474, 28.4690, 37.5956



61.0368, 72.0251, 20.5842



14.6760, 14.4876, 16.4944



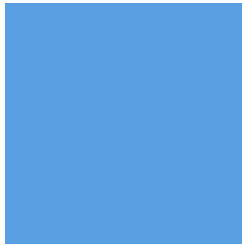
20.2887, 10.2497, 10.4150



1.5461, 0.7762, 1.0165

Previews

White Background



This preview shows how the XYZ color 30.5776, 32.5665, 77.3474 looks on a white background.

Color Contrast Check

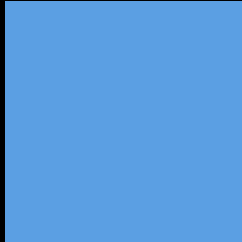
Large Text (above 18pt) WCAG AA × Fail

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 30.5776, 32.5665, 77.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

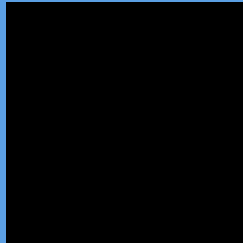
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

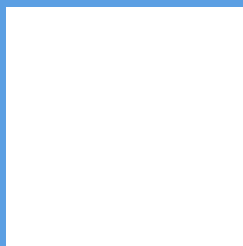
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5776, 32.5665, 77.3474

Background



This preview shows how black text looks on a background with the XYZ color 30.5776, 32.5665, 77.3474.



This preview shows how white text looks on a background with the XYZ color 30.5776, 32.5665,

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

30.5776, 32.5665, 77.3474

Protanopia

33.6335, 32.2592, 72.8606

Deuteranopia

33.2800, 32.4488, 77.9080



Tritanopia

24.9417, 32.6811, 48.7096

Trichromacy



Original Color

30.5776, 32.5665, 77.3474

Protanomaly

32.2110, 32.2208, 74.3336

Deuteranomaly

32.1553, 32.3591, 77.9500

Tritanomaly

26.7901, 32.6072, 58.3079

Monochromacy



Original Color

30.5776, 32.5665, 77.3474

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.4087, 29.6640, 44.8386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5776, 32.5665, 77.3474 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(91, 159, 227)` looks like.

```
.text, #text, p{  
    color:rgb(91, 159, 227)  
}
```

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(91, 159, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 159, 227) }
```

Border

The CSS property to change the border of an element to XYZ 30.5776, 32.5665, 77.3474 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(91, 159, 227) }
```


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

```
.border{ border-color:rgb(91, 159, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 159, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 159, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 159, 227);  
box-shadow:4px 4px 4px 4px rgb(91, 159,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5776, 32.5665, 77.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 159, 227) }
```

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

```
.background{ background-color: rgb(91, 159,  
227) }
```

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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