

Converting Colors

XYZ(30.3322, 30.7976, 94.7883)

Have a look what the booklet for
XYZ(30.3322, 30.7976, 94.7883)
contains.

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Color

**XYZ(30.3322, 30.7976,
94.7883)**

Conversions

Conversions Part 1

Format	Color
Hex	369AFA
RGB	54, 154, 250
RGB Percent	21%, 60%, 98%
CMY	0.7882, 0.3961, 0.0196
CMYK	0.78, 0.38, 0.00, 0.02
HSL	209°, 95%, 60%
HSV	209°, 78%, 98%
XYZ	30.3322, 30.7976, 94.7883
YIQ	135.0440, -90.4160, 8.6560

Conversions

Conversions Part 2

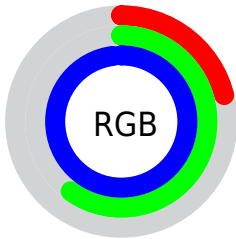
Format	Color
R _Y B	54, 120, 250
Decimal	3578618
CIE Lab	62.34, 4.03, -55.91
CIE LCh	62, 56.051, 274.121
Yxy	30.7976, 0.1945, 0.1975
Android (android.graphics.Color)	4281768698 (0xFF369AFA)
YUV	135.0440, 56.6733, -71.0756
Hunter-Lab	55.4956, 0.4454, -62.4224

Details

The XYZ color **30.3322, 30.7976, 94.7883** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **50.9996, 42.4082, 8.9896**, and the grayscale version is **22.8681, 24.0590, 26.2002**.

A 20% lighter version of the original color is **49.5080, 56.9209, 102.9852**, and **14.5760, 13.7509, 52.3380** is the 20% darker color. If you saturate the color by 10%, you get **27.3993, 26.4370, 94.1019**, and if you desaturate by 10%, it is **34.1624, 35.9275, 95.5773**.

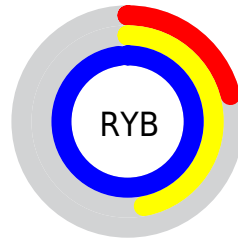
Distribution



Red (21%)

Green (60%)

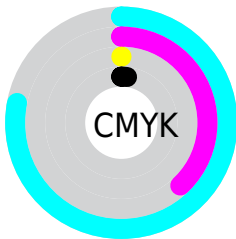
Blue (98%)



Red (21%)

Yellow (47%)

Blue (98%)

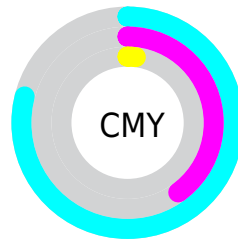


Cyan (78%)

Magenta (38%)

Yellow (0%)

Black (2%)



Cyan (79%)

Magenta (40%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3322, 30.7976, 94.7883 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 30.3322, 30.7976, 94.7883 by changing the saturation by 10% instead.

■ 30.3322, 30.7976,
94.7883

■ 30.3322, 30.7976,
94.7883

295.3320,
305.6048, 564.4540

■ 20.2402, 20.4448,
71.3629

■ 59.5702, 60.9213,
155.9652

■ 12.6790, 12.7188,
52.1547

■ 79.4468, 81.4609,
194.5537

■ 7.2834, 7.2352,
36.7453

■ 103.3158,
106.1649, 239.0336

■ 3.6878, 3.6096,
24.7161

■ 131.5424,
135.4178, 289.8236

■ 1.5271, 1.4577,
15.6486

164.4919,
169.6037, 347.3421

■ 0.3442, 0.2587,
9.1242

202.5298,

■ 0.0000, 0.0000,

209.1073, 412.0076

4.7244

246.0214,
254.3129, 484.2387

■ 0.0000, 0.0000,
2.0306

■ 0.0000, 0.0000,
0.5740

■ 30.3322, 30.7976,
94.7883

■ 30.3322, 30.7976,
94.7883

■ 27.3993, 26.4370,
94.1019

■ 34.1624, 35.9275,
95.5773

■ 25.2233, 22.7633,
93.5075

■ 38.9849, 41.8835,
96.4727

■ 24.9151, 22.2215,
93.4191

■ 44.8850, 48.7184,
97.4810

■ 51.9373, 56.4784,
98.6072

60.2088, 65.2061,
99.8558

69.7613, 74.9409,
101.2314

80.6521, 85.7195,
102.7378

92.9348, 97.5767,
104.3791

94.2554, 99.6822,
104.7159

Harmonies

Analogous

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



23.3593, 30.7976, 86.8655



30.3322, 30.7976, 94.7883



38.2342, 30.7976, 81.3292

Triad

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



30.3322, 30.7976, 94.7883



43.0747, 30.7976, 15.1435



18.0180, 30.7976, 18.4124

Complementary

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



30.3322, 30.7976, 94.7883



50.9996, 42.4082, 8.9896

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.



21.8330, 30.7976, 9.4856



30.3322, 30.7976, 94.7883



36.1071, 30.7976, 8.2508

Square

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



30.3322, 30.7976, 94.7883



46.3521, 30.7976, 30.6221



28.2372, 30.7976, 6.7506



17.0069, 30.7976, 36.6235

Rectangle

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



30.3322, 30.7976, 94.7883



42.7434, 30.7976, 64.4351



28.2372, 30.7976, 6.7506



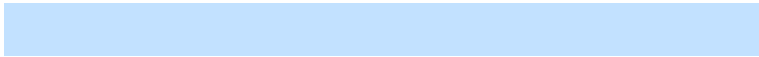
18.9782, 30.7976, 14.5339

Sweetspot

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



30.3335, 30.7986, 94.7891



67.1781, 72.5254, 105.0659



41.1123, 71.3181, 39.9248



13.6413, 14.7658, 22.3811



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.



30.3335, 30.7986, 94.7891



27.2814, 25.3830, 98.0693



20.2547, 10.6411, 91.4295



17.0152, 18.1072, 21.9835



13.3602, 12.0760, 49.6003



1.3435, 1.3307, 4.6292

Inverse Universe

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



46.5774, 25.2971, 33.0004



45.9727, 23.4332, 25.9886



73.2704, 86.9498, 16.4132



17.6142, 17.3730, 19.8241



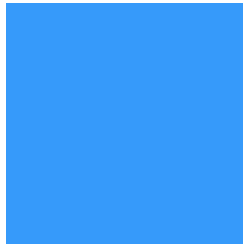
23.0356, 11.6300, 12.1621



2.1871, 1.0986, 1.4085

Previews

White Background



This preview shows how the XYZ color 30.3322, 30.7976, 94.7883 looks on a white background.

Color Contrast Check

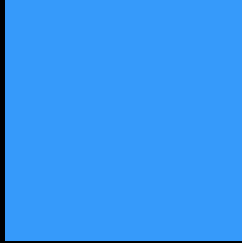
Large Text (above 18pt) WCAG AA × Fail

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 30.3322, 30.7976, 94.7883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

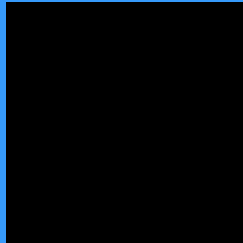
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

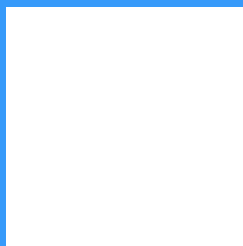
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3322, 30.7976, 94.7883

Background



This preview shows how black text looks on a background with the XYZ color 30.3322, 30.7976, 94.7883.



This preview shows how white text looks on a background with the XYZ color 30.3322, 30.7976,

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

30.3322, 30.7976, 94.7883

Protanopia

33.0121, 30.4083, 88.9235

Deuteranopia

31.7875, 30.8037, 95.5371



Tritanopia

21.7729, 30.5271, 47.3926

Trichromacy



Original Color

30.3322, 30.7976, 94.7883

Protanomaly

31.5984, 30.3224, 91.3762

Deuteranomaly

31.2394, 30.7611, 95.5578

Tritanomaly

24.2283, 30.3972, 62.3479

Monochromacy



Original Color

30.3322, 30.7976, 94.7883

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.5527, 25.5845, 45.2919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3322, 30.7976, 94.7883 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(54, 154, 250)` looks like.

```
.text, #text, p{  
    color:rgb(54, 154, 250)  
}
```

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(54, 154, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 154, 250) }
```

Border

The CSS property to change the border of an element to XYZ 30.3322, 30.7976, 94.7883 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(54, 154, 250) }
```


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

```
.border{ border-color:rgb(54, 154, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 154, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 154, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 154, 250);  
box-shadow:4px 4px 4px 4px rgb(54, 154,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3322, 30.7976, 94.7883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 154, 250) }
```

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

```
.background{ background-color: rgb(54, 154,  
250) }
```

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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