

Converting Colors

XYZ(29.6704, 29.1844, 95.1297)

Have a look what the booklet for
XYZ(29.6704, 29.1844, 95.1297)
contains.

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Color

**XYZ(29.7356, 29.2722,
95.3496)**

Conversions

Conversions Part 1

Format	Color
Hex	3795FB
RGB	55, 149, 251
RGB Percent	22%, 58%, 98%
CMY	0.7842, 0.4157, 0.0157
CMYK	0.78, 0.41, 0.00, 0.02
HSL	211°, 96%, 60%
HSV	211°, 78%, 98%
XYZ	29.7356, 29.2722, 95.3496
YIQ	132.5220, -88.7660, 11.7940

Conversions

Conversions Part 2

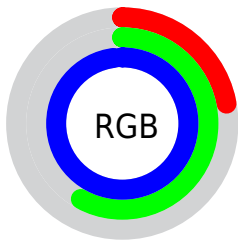
Format	Color
R _Y B	55, 119, 251
Decimal	3642875
CIE Lab	61.02, 7.44, -58.55
CIE LCh	61, 59.021, 277.244
Yxy	29.2722, 0.1926, 0.1896
Android (android.graphics.Color)	4281832955 (0xFF3795FB)
YUV	132.5220, 58.4097, -67.9868
Hunter-Lab	54.1038, 3.4225, -66.6168

Details

The XYZ color **29.7356, 29.2722, 95.3496** 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 **52.5336, 44.9047, 9.5152**, and the grayscale version is **21.9412, 23.0838, 25.1383**.

A 20% lighter version of the original color is **48.4592, 54.5990, 102.5923**, and **14.1994, 12.8187, 52.7648** is the 20% darker color. If you saturate the color by 10%, you get **26.7411, 24.8307, 94.6508**, and if you desaturate by 10%, it is **33.6626, 34.5391, 96.1599**.

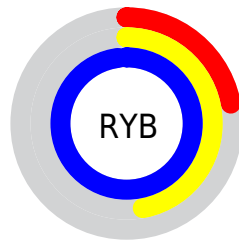
Distribution



Red (22%)

Green (58%)

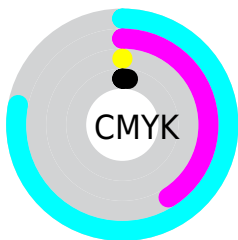
Blue (98%)



Red (22%)

Yellow (47%)

Blue (98%)

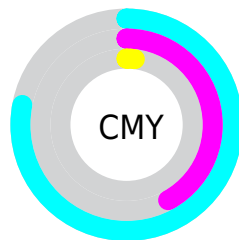


Cyan (78%)

Magenta (41%)

Yellow (0%)

Black (2%)



Cyan (78%)

Magenta (42%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7356, 29.2722, 95.3496 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 29.7356, 29.2722, 95.3496 by changing the saturation by 10% instead.

■ 29.7356, 29.2722,
95.3496

■ 29.7356, 29.2722,
95.3496

292.6021,
298.4971, 566.2965

■ 19.7851, 19.2868,
71.8275

■ 58.6333, 58.5093,
156.7472

■ 12.3463, 11.8777,
52.5318

■ 78.3112, 78.5298,
195.4598

■ 7.0538, 6.6605,
37.0440

■ 101.9622,
102.6641, 240.0730

■ 3.5424, 3.2507,
24.9455

■ 129.9517,
131.2967, 291.0053

■ 1.4467, 1.2640,
15.8178

162.6451,
164.8119, 348.6753

■ 0.2891, 0.1130,
9.2424

200.4077,

■ 0.0000, 0.0000,

203.5941, 413.5014

4.8006

243.6049,
248.0277, 485.9023

■ 0.0000, 0.0000,
2.0741

■ 0.0000, 0.0000,
0.6003

■ 29.7356, 29.2722,
95.3496

■ 29.7356, 29.2722,
95.3496

■ 26.7411, 24.8307,
94.6508

■ 33.6626, 34.5391,
96.1599

■ 24.5404, 21.1310,
94.0527

■ 38.6188, 40.6912,
97.0862

■ 24.1735, 20.4867,
93.9477

■ 44.6914, 47.7842,
98.1352

■ 51.9564, 55.8670,
99.3124

■ 60.4827, 64.9846,
100.6229

■ 70.3335, 75.1789,
102.0714

■ 81.5675, 86.4890,
103.6624

■ 93.9384, 98.7965,
105.3859

■ 94.4127, 99.7451,
105.5440

Harmonies

Analogous

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



22.4682, 29.2722, 89.3175



29.7356, 29.2722, 95.3496



37.8037, 29.2722, 79.0844

Triad

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



29.7356, 29.2722, 95.3496



41.3857, 29.2722, 12.4508



16.2594, 29.2722, 18.0981

Complementary

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



29.7356, 29.2722, 95.3496



52.5336, 44.9047, 9.5152

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.



19.7734, 29.2722, 8.5999



29.7356, 29.2722, 95.3496



33.9659, 29.2722, 6.5508

Square

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



29.7356, 29.2722, 95.3496



45.2914, 29.2722, 26.8087



25.9930, 29.2722, 5.5703



15.5455, 29.2722, 37.5367

Rectangle

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



29.7356, 29.2722, 95.3496



42.2601, 29.2722, 60.8390



25.9930, 29.2722, 5.5703



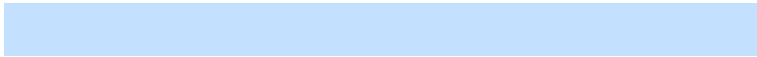
17.1160, 29.2722, 13.9649

Sweetspot

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



29.7368, 29.2731, 95.3504



67.6898, 72.5702, 105.0475



42.0980, 72.2171, 43.2953



13.7172, 14.7306, 22.3703



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.



29.7368, 29.2731, 95.3504



26.2677, 23.3556, 97.7314



20.5411, 10.6071, 92.2321



16.9698, 18.0165, 21.9684



12.8505, 11.0566, 49.4304



1.2957, 1.2350, 4.6133

Inverse Universe

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



46.5758, 25.4133, 30.8848



45.4611, 23.2286, 23.2943



73.8047, 89.1788, 16.9398



17.5913, 17.3639, 19.7035



22.7784, 11.5271, 10.8073



2.1629, 1.0889, 1.2813

Previews

White Background



This preview shows how the XYZ color 29.7356, 29.2722, 95.3496 looks on a white background.

Color Contrast Check

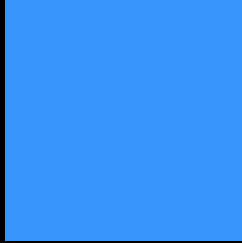
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7356, 29.2722, 95.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

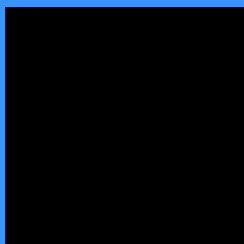
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

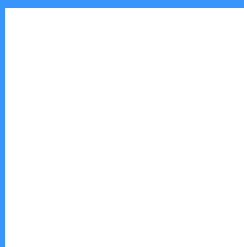
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.7356, 29.2722, 95.3496

Background



This preview shows how black text looks on a background with the XYZ color 29.7356, 29.2722, 95.3496.



This preview shows how white text looks on a background with the XYZ color 29.7356, 29.2722,

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

29.7356, 29.2722, 95.3496

Protanopia

31.8974, 29.1211, 90.3260

Deuteranopia

30.2493, 29.3031, 95.3285



Tritanopia

20.6582, 28.9358, 45.0538

Trichromacy



Original Color

29.7356, 29.2722, 95.3496

Protanomaly

30.7517, 28.9446, 91.9618

Deuteranomaly

29.9891, 29.1690, 95.3164

Tritanomaly

23.1250, 28.5745, 60.7965

Monochromacy



Original Color

29.7356, 29.2722, 95.3496

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.8948, 24.6031, 44.6165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7356, 29.2722, 95.3496 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(55, 149, 251)` looks like.

```
.text, #text, p{  
    color:rgb(55, 149, 251)  
}
```

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(55, 149, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 149, 251) }
```

Border

The CSS property to change the border of an element to XYZ 29.7356, 29.2722, 95.3496 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(55, 149, 251) }
```


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

```
.border{ border-color:rgb(55, 149, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 149, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 149, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 149, 251);  
box-shadow:4px 4px 4px 4px rgb(55, 149,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7356, 29.2722, 95.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 149, 251) }
```

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

```
.background{ background-color: rgb(55, 149,  
251) }
```

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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