

Converting Colors

XYZ(30.3169, 28.3675, 97.6435)

Have a look what the booklet for
XYZ(30.3169, 28.3675, 97.6435)
contains.

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Color

**XYZ(30.3169, 28.3675,
97.6435)**

Conversions

Conversions Part 1

Format	Color
Hex	4590FE
RGB	69, 144, 254
RGB Percent	27%, 56%, 100%
CMY	0.7294, 0.4353, 0.0039
CMYK	0.73, 0.43, 0.00, 0.00
HSL	216°, 99%, 63%
HSV	216°, 73%, 100%
XYZ	30.3169, 28.3675, 97.6435
YIQ	134.1150, -80.0100, 18.3100

Conversions

Conversions Part 2

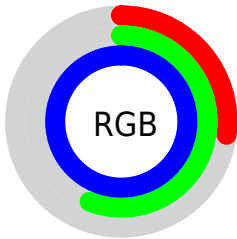
Format	Color
R _{YB}	69, 122, 254
Decimal	4559102
CIE _{Lab}	60.22, 13.10, -61.45
CIE _{LCh}	60, 62.834, 282.029
Yxy	28.3675, 0.1939, 0.1815
Android (android.graphics.Color)	4282749182 (0xFF4590FE)
YUV	134.1150, 59.1033, -57.1059
Hunter-Lab	53.2611, 8.3974, -71.4134

Details

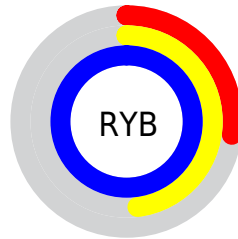
The XYZ color **30.3169, 28.3675, 97.6435** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **58.0705, 53.7461, 12.9457**, and the grayscale version is **22.5147, 23.6872, 25.7954**.

A 20% lighter version of the original color is **48.4975, 52.5558, 102.1959**, and **14.1703, 12.2156, 54.4343** is the 20% darker color. If you saturate the color by 10%, you get **26.7484, 23.3563, 96.8650**, and if you desaturate by 10%, it is **34.9643, 34.3897, 98.5616**.

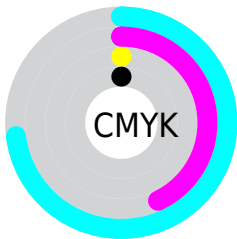
Distribution



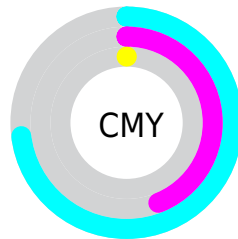
- Red (27%)
- Green (56%)
- Blue (100%)



- Red (27%)
- Yellow (48%)
- Blue (100%)



- Cyan (73%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3169, 28.3675, 97.6435 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 30.3169, 28.3675, 97.6435 by changing the saturation by 10% instead.

■ 30.3169, 28.3675,
97.6435

■ 30.3169, 28.3675,
97.6435

295.2622,
294.2188, 573.7928

■ 20.2285, 18.6029,
73.7281

■ 59.5462, 57.0706,
159.9385

■ 12.6705, 11.3837,
54.0761

■ 79.4178, 76.7779,
199.1553

■ 7.2775, 6.3255,
38.2689

■ 103.2811,
100.5683, 244.3096

■ 3.6841, 3.0440,
25.8880

■ 131.5017,
128.8260, 295.8199

■ 1.5250, 1.1548,
16.5149

164.4447,
161.9355, 354.1048

■ 0.3428, 0.0243,
9.7309

202.4755,

■ 0.0000, 0.0000,

200.2812, 419.5830

5.1177

245.9596,
244.2475, 492.6728

■ 0.0000, 0.0000,
2.2565

■ 0.0000, 0.0000,
0.7067

■ 30.3169, 28.3675,
97.6435

■ 30.3169, 28.3675,
97.6435

■ 26.7484, 23.3563,
96.8650

■ 34.9643, 34.3897,
98.5616

■ 24.1370, 19.2746,
96.2148

■ 40.7857, 41.4883,
99.6249

■ 22.7362, 16.8491,
95.8204

■ 47.8690, 49.7246,
100.8414

■ 56.2919, 59.1541,
102.2175

■ 66.1253, 69.8280,
103.7595

■ 77.4350, 81.7942,
105.4731

■ 90.2824, 95.0978,
107.3639

■ 94.8895, 99.9358,
108.0549

Harmonies

Analogous

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



22.4655, 28.3675, 95.1057



30.3169, 28.3675, 97.6435



38.7029, 28.3675, 76.8703

Triad

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



30.3169, 28.3675, 97.6435



40.1637, 28.3675, 9.7067



14.7617, 28.3675, 19.1351

Complementary

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



30.3169, 28.3675, 97.6435



58.0705, 53.7461, 12.9457

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.



17.8746, 28.3675, 8.2818



30.3169, 28.3675, 97.6435



32.0227, 28.3675, 5.0050

Square

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



30.3169, 28.3675, 97.6435



45.0998, 28.3675, 22.5431



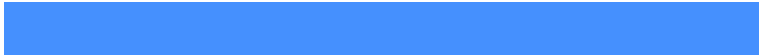
23.8651, 28.3675, 4.6600



14.4857, 28.3675, 41.0720

Rectangle

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



30.3169, 28.3675, 97.6435



43.0635, 28.3675, 56.6762



23.8651, 28.3675, 4.6600



15.4772, 28.3675, 14.4189

Sweetspot

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



30.3181, 28.3684, 97.6443



67.6027, 71.4006, 104.8264



45.8253, 75.3210, 53.6777



13.8557, 14.6241, 22.3424



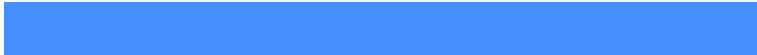
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.3181, 28.3684, 97.6443



25.7750, 21.7318, 97.4439



23.7131, 13.3183, 95.0874



17.6075, 18.5866, 22.9095



12.1224, 9.1544, 50.5626



1.2842, 1.0991, 4.9577

Inverse Universe

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



48.0364, 27.3425, 29.1318



45.3682, 23.7881, 20.9658



71.9733, 89.5925, 19.1320



18.3145, 18.1091, 20.2735



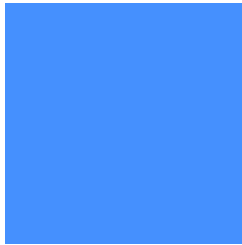
22.9070, 11.6521, 8.1608



2.2828, 1.1555, 1.0708

Previews

White Background



This preview shows how the XYZ color 30.3169, 28.3675, 97.6435 looks on a white background.

Color Contrast Check

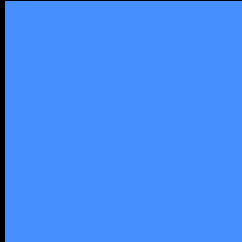
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3169, 28.3675, 97.6435 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

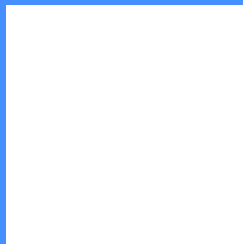
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3169, 28.3675, 97.6435

Background



This preview shows how black text looks on a background with the XYZ color 30.3169, 28.3675, 97.6435.



This preview shows how white text looks on a background with the XYZ color 30.3169, 28.3675,

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

30.3169, 28.3675, 97.6435

Protanopia

31.6568, 28.4477, 95.0892

Deuteranopia

29.3239, 28.3277, 96.8508



Tritanopia

20.0172, 28.1202, 43.4024

Trichromacy



Original Color

30.3169, 28.3675, 97.6435

Protanomaly

31.0814, 28.3527, 95.9299

Deuteranomaly

29.5424, 28.2125, 96.8170

Tritanomaly

22.6172, 27.5821, 60.0089

Monochromacy



Original Color

30.3169, 28.3675, 97.6435

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.5548, 24.7063, 45.6468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3169, 28.3675, 97.6435 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(69, 144, 254)` looks like.

```
.text, #text, p{  
    color:rgb(69, 144, 254)  
}
```

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(69, 144, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 144, 254) }
```

Border

The CSS property to change the border of an element to XYZ 30.3169, 28.3675, 97.6435 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(69, 144, 254) }
```


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

```
.border{ border-color:rgb(69, 144, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 144, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 144, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 144, 254);  
box-shadow:4px 4px 4px 4px rgb(69, 144,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3169, 28.3675, 97.6435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 144, 254) }
```

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

```
.background{ background-color: rgb(69, 144,  
254) }
```

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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