

Converting Colors

XYZ(30.6610, 28.3629, 97.3022)

Have a look what the booklet for
XYZ(30.6610, 28.3629, 97.3022)
contains.

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Color

**XYZ(30.6923, 28.3372,
97.6179)**

Conversions

Conversions Part 1

Format	Color
Hex	4C8FFE
RGB	76, 143, 254
RGB Percent	30%, 56%, 100%
CMY	0.7019, 0.4392, 0.0039
CMYK	0.70, 0.44, 0.00, 0.00
HSL	217°, 99%, 65%
HSV	217°, 70%, 100%
XYZ	30.6923, 28.3372, 97.6179
YIQ	135.6210, -75.5630, 20.3170

Conversions

Conversions Part 2

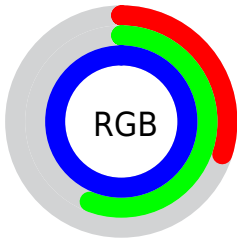
Format	Color
R _Y B	76, 125, 254
Decimal	5017598
CIE Lab	60.19, 14.62, -61.48
CIE LCh	60, 63.198, 283.373
Yxy	28.3372, 0.1959, 0.1809
Android (android.graphics.Color)	4283207678 (0xFF4C8FFE)
YUV	135.6210, 58.3608, -52.2876
Hunter-Lab	53.2327, 9.7603, -71.4629

Details

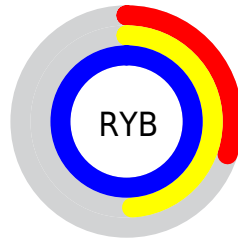
The XYZ color **30.6923, 28.3372, 97.6179** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **59.9507, 57.1379, 14.7084**, and the grayscale version is **23.0711, 24.2726, 26.4329**.

A 20% lighter version of the original color is **49.1176, 52.5395, 102.1601**, and **14.0807, 12.0366, 54.4045** is the 20% darker color. If you saturate the color by 10%, you get **26.8454, 23.0699, 96.8046**, and if you desaturate by 10%, it is **35.6734, 34.6881, 98.5819**.

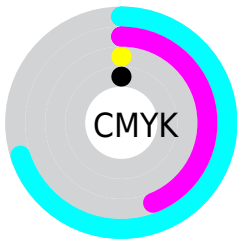
Distribution



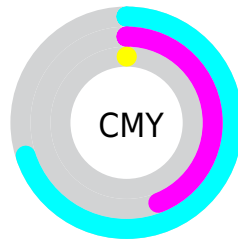
- Red (30%)
- Green (56%)
- Blue (100%)



- Red (30%)
- Yellow (49%)
- Blue (100%)



- Cyan (70%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6923, 28.3372, 97.6179 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 30.6923, 28.3372, 97.6179 by changing the saturation by 10% instead.

■ 30.6923, 28.3372,
97.6179

■ 30.6923, 28.3372,
97.6179

296.9705,
294.0747, 573.7094

■ 20.5153, 18.5800,
73.7069

■ 60.1344, 57.0223,
159.9030

■ 12.8806, 11.3672,
54.0588

■ 80.1303, 76.7191,
199.1141

■ 7.4228, 6.3144,
38.2552

■ 104.1299,
100.4978, 244.2624

■ 3.7766, 3.0372,
25.8775

■ 132.4985,
128.7429, 295.7663

■ 1.5765, 1.1512,
16.5070

165.6015,
161.8387, 354.0444

■ 0.3770, 0.0213,
9.7254

203.8043,

■ 0.0000, 0.0000,

200.1697, 419.5153

5.1141

247.4722,
244.1202, 492.5974

■ 0.0000, 0.0000,
2.2544

■ 0.0000, 0.0000,
0.7055

■ 30.6923, 28.3372,
97.6179

■ 30.6923, 28.3372,
97.6179

■ 26.8454, 23.0699,
96.8046

■ 35.6734, 34.6881,
98.5819

■ 24.0152, 18.8042,
96.1304

■ 41.8818, 42.1895,
99.7026

■ 22.0359, 15.4486,
95.5870

■ 49.4046, 50.9050,
100.9883

■ 58.3190, 60.8920,
102.4462

■ 68.6961, 72.2039,
104.0826

■ 80.6019, 84.8909,
105.9040

■ 94.0980, 99.0001,
107.9160

■ 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.



22.7250, 28.3372, 96.2140



30.6923, 28.3372, 97.6179



39.0849, 28.3372, 75.8627

Triad

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



30.6923, 28.3372, 97.6179



39.8908, 28.3372, 9.2641



14.6133, 28.3372, 19.7858

Complementary

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



30.6923, 28.3372, 97.6179



59.9507, 57.1379, 14.7084

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.



17.6046, 28.3372, 8.4851



30.6923, 28.3372, 97.6179



31.6323, 28.3372, 4.8324

Square

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



30.6923, 28.3372, 97.6179



45.0696, 28.3372, 21.6586



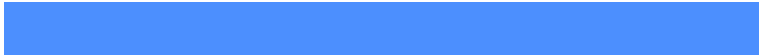
23.4951, 28.3372, 4.6447



14.4618, 28.3372, 42.3421

Rectangle

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



30.6923, 28.3372, 97.6179



43.3615, 28.3372, 55.4247



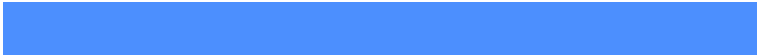
23.4951, 28.3372, 4.6447



15.2879, 28.3372, 14.8904

Sweetspot

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



30.6935, 28.3381, 97.6186



68.2750, 71.7328, 104.8551



47.2620, 75.9565, 58.4971



13.9707, 14.6574, 22.3428



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.



30.6935, 28.3381, 97.6186



25.8449, 21.4641, 97.3886



25.3806, 14.8553, 95.2962



17.5632, 18.4979, 22.8947



11.7477, 8.4049, 50.4377



1.2448, 1.0203, 4.9446

Inverse Universe

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



48.4165, 28.2245, 28.8832



45.5030, 24.2229, 20.5014



70.4281, 88.7693, 20.2617



18.2922, 18.1002, 20.1556



22.7179, 11.5764, 7.1648



2.2629, 1.1475, 0.9660

Previews

White Background



This preview shows how the XYZ color 30.6923, 28.3372, 97.6179 looks on a white background.

Color Contrast Check

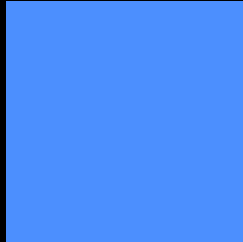
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6923, 28.3372, 97.6179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

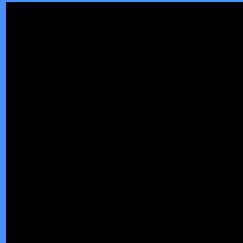
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

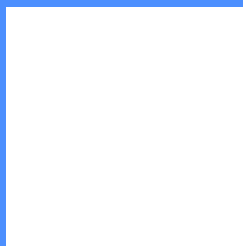
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6923, 28.3372, 97.6179

Background



This preview shows how black text looks on a background with the XYZ color 30.6923, 28.3372, 97.6179.



This preview shows how white text looks on a background with the XYZ color 30.6923, 28.3372,

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

30.6923, 28.3372, 97.6179

Protanopia

31.5649, 28.1641, 95.8680

Deuteranopia

29.3239, 28.3277, 96.8508



Tritanopia

20.1136, 28.1587, 43.9102

Trichromacy



Original Color

30.6923, 28.3372, 97.6179

Protanomaly

31.1850, 28.1678, 96.7218

Deuteranomaly

29.6587, 28.2725, 96.8225

Tritanomaly

22.6952, 27.6223, 60.0126

Monochromacy



Original Color

30.6923, 28.3372, 97.6179

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.3087, 25.2973, 46.2495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6923, 28.3372, 97.6179 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(76, 143, 254)` looks like.

```
.text, #text, p{  
    color:rgb(76, 143, 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(76, 143, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 143, 254) }
```

Border

The CSS property to change the border of an element to XYZ 30.6923, 28.3372, 97.6179 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(76, 143, 254) }
```


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

```
.border{ border-color:rgb(76, 143, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 143, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 143, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 143, 254);  
box-shadow:4px 4px 4px 4px rgb(76, 143,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6923, 28.3372, 97.6179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 143, 254) }
```

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

```
.background{ background-color: rgb(76, 143,  
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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