

Converting Colors

XYZ(28.7694, 26.2377, 98.1558)

Have a look what the booklet for
XYZ(28.7694, 26.2377, 98.1558)
contains.

XYZ(28.7694, 26.2377, 98.1558)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**XYZ(28.7694, 26.2377,
98.1558)**

Conversions

Conversions Part 1

Format	Color
Hex	388AFF
RGB	56, 138, 255
RGB Percent	22%, 54%, 100%
CMY	0.7803, 0.4588, 0.0000
CMYK	0.78, 0.46, 0.00, 0.00
HSL	215°, 100%, 61%
HSV	215°, 78%, 100%
XYZ	28.7694, 26.2377, 98.1558
YIQ	126.8200, -86.4290, 19.0030

Conversions

Conversions Part 2

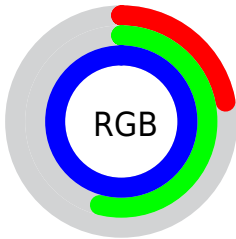
Format	Color
R _Y B	56, 114, 255
Decimal	3705599
CIE Lab	58.26, 15.62, -65.17
CIE LCh	58, 67.011, 283.477
Yxy	26.2377, 0.1878, 0.1713
Android (android.graphics.Color)	4281895679 (0xFF388AFF)
YUV	126.8200, 63.1927, -62.1091
Hunter-Lab	51.2227, 10.6152, -77.7588

Details

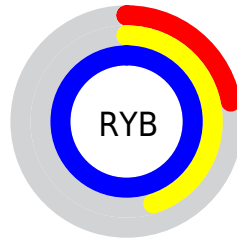
The XYZ color **28.7694, 26.2377, 98.1558** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **56.9011, 51.4394, 10.6735**, and the grayscale version is **19.9248, 20.9624, 22.8281**.

A 20% lighter version of the original color is **45.8867, 49.2274, 101.6911**, and **13.6504, 11.1760, 54.2610** is the 20% darker color. If you saturate the color by 10%, you get **25.6845, 21.6715, 97.4370**, and if you desaturate by 10%, it is **32.8782, 31.7729, 99.0077**.

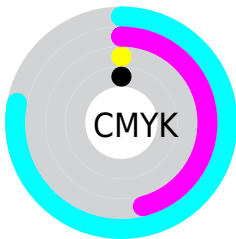
Distribution



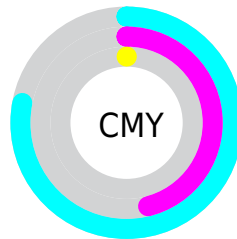
- Red (22%)
- Green (54%)
- Blue (100%)



- Red (22%)
- Yellow (45%)
- Blue (100%)



- Cyan (78%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (46%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7694, 26.2377, 98.1558 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 28.7694, 26.2377, 98.1558 by changing the saturation by 10% instead.

■ 28.7694, 26.2377,
98.1558

■ 28.7694, 26.2377,
98.1558

288.1392,
283.9470, 575.4598

■ 19.0498, 17.0016,
74.1530

■ 57.1106, 53.6582,
160.6502

■ 11.8105, 10.2356,
54.4217

■ 76.4630, 72.6113,
199.9789

■ 6.6861, 5.5554,
38.5435

■ 99.7570, 95.5722,
245.2533

■ 3.3111, 2.5767,
26.0996

■ 127.3580,
122.9252, 296.8919

■ 1.3204, 0.9150,
16.6718

159.6314,
155.0548, 355.3134

■ 0.1984, 0.0000,
9.8413

196.9425,

■ 0.0000, 0.0000,

192.3454, 420.9361

5.1896

239.6566,
235.1813, 494.1787

■ 0.0000, 0.0000,
2.2983

■ 0.0000, 0.0000,
0.7302

■ 28.7694, 26.2377,
98.1558

■ 28.7694, 26.2377,
98.1558

■ 25.6845, 21.6715,
97.4370

■ 32.8782, 31.7729,
99.0077

■ 23.4768, 17.9803,
96.8409

■ 38.1160, 38.3478,
100.0007

■ 23.1080, 17.3359,
96.7360

■ 44.5766, 46.0269,
101.1424

■ 52.3426, 54.8679,
102.4396

■ 61.4884, 64.9239,
103.8985

■ 72.0828, 76.2444,
105.5252

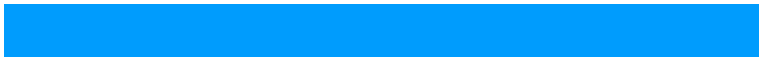
■ 84.1896, 88.8755,
107.3252

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



20.7438, 26.2377, 96.7577



28.7694, 26.2377, 98.1558



37.3417, 26.2377, 75.0440

Triad

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



28.7694, 26.2377, 98.1558



38.1173, 26.2377, 7.4851



12.7347, 26.2377, 17.6163

Complementary

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



28.7694, 26.2377, 98.1558



56.9011, 51.4394, 10.6735

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.



15.6393, 26.2377, 6.8159



28.7694, 26.2377, 98.1558



29.6628, 26.2377, 3.5335

Square

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



28.7694, 26.2377, 98.1558



43.4802, 26.2377, 19.3376



21.4631, 26.2377, 3.3826



12.5976, 26.2377, 40.3495

Rectangle

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



28.7694, 26.2377, 98.1558



41.7410, 26.2377, 53.6446



21.4631, 26.2377, 3.3826



13.3854, 26.2377, 12.8547

Sweetspot

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



28.7705, 26.2384, 98.1559



66.6345, 70.4596, 104.6958



44.8470, 75.3433, 51.2545



13.4637, 14.2237, 22.2858



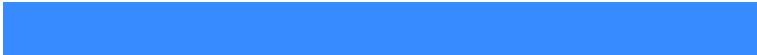
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



28.7705, 26.2384, 98.1559



24.2759, 19.3720, 97.0674



22.1825, 11.4510, 95.6489



17.6177, 18.6070, 22.9129



12.2129, 9.3353, 50.5928



1.2936, 1.1179, 4.9609

Inverse Universe

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



47.2425, 25.9251, 26.5591



44.4557, 22.8264, 18.0001



71.8747, 90.0553, 17.3379



18.3197, 18.1112, 20.3006



22.9527, 11.6704, 8.4013



2.2876, 1.1574, 1.0958

Previews

White Background



This preview shows how the XYZ color 28.7694, 26.2377, 98.1558 looks on a white background.

Color Contrast Check

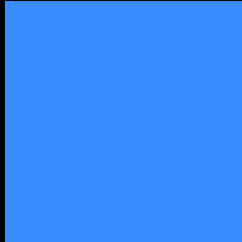
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7694, 26.2377, 98.1558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

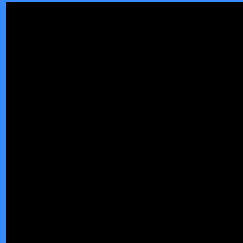
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

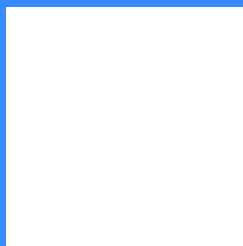
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.7694, 26.2377, 98.1558

Background



This preview shows how black text looks on a background with the XYZ color 28.7694, 26.2377, 98.1558.

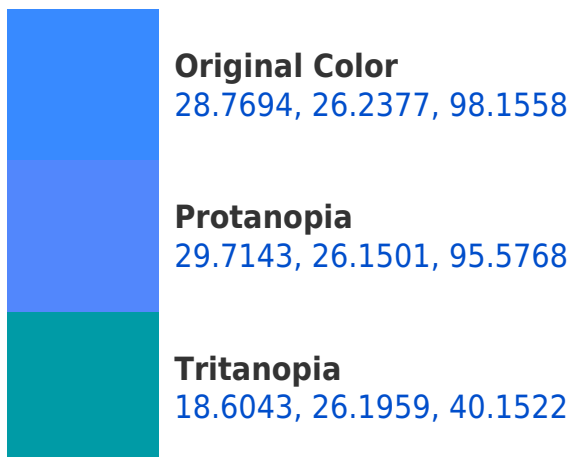


This preview shows how white text looks on a background with the XYZ color 28.7694, 26.2377,

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



Trichromacy



Original Color

28.7694, 26.2377, 98.1558

Protanomaly

29.2814, 26.1166, 96.4262

Tritanomaly

21.2290, 25.7208, 57.2718

Monochromacy



Original Color

28.7694, 26.2377, 98.1558

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.1231, 22.0553, 43.1882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7694, 26.2377, 98.1558 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(56, 138, 255)` looks like.

```
.text, #text, p{  
  color:rgb(56, 138, 255)  
}
```

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(56, 138, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 138, 255) }
```

Border

The CSS property to change the border of an element to XYZ 28.7694, 26.2377, 98.1558 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(56, 138, 255) }
```

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

```
.border{ border-color:rgb(56, 138, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 138, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 138, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 138, 255);  
box-shadow:4px 4px 4px 4px rgb(56, 138,  
255) }
```


Background

The CSS property to change the background color of an element to XYZ 28.7694, 26.2377, 98.1558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 138, 255) }
```

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

```
.background{ background-color: rgb(56, 138,  
255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor