

Converting Colors

XYZ(32.9685, 28.7706,
102.5662)

Have a look what the booklet for
XYZ(32.9685, 28.7706, 102.5662)
contains.

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Color

**XYZ(32.1474, 28.4091,
98.3969)**

Conversions

Conversions Part 1

Format	Color
Hex	5F8CFF
RGB	95, 140, 255
RGB Percent	37%, 55%, 100%
CMY	0.6274, 0.4510, 0.0000
CMYK	0.63, 0.45, 0.00, 0.00
HSL	223°, 100%, 69%
HSV	223°, 63%, 100%
XYZ	32.1474, 28.4091, 98.3969
YIQ	139.6550, -63.7350, 26.2250

Conversions

Conversions Part 2

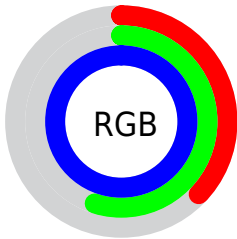
Format	Color
R _Y B	95, 130, 255
Decimal	6262015
CIE Lab	60.26, 19.68, -61.88
CIE LCh	60, 64.938, 287.638
Yxy	28.4091, 0.2022, 0.1787
Android (android.graphics.Color)	4284452095 (0xFF5F8CFF)
YUV	139.6550, 56.8651, -39.1624
Hunter-Lab	53.3002, 14.3849, -72.1445

Details

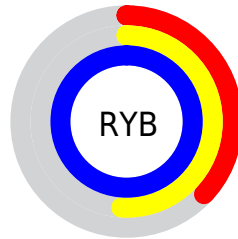
The XYZ color **32.1474, 28.4091, 98.3969** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **66.3543, 68.1831, 20.4919**, and the grayscale version is **24.5994, 25.8805, 28.1838**.

A 20% lighter version of the original color is **51.2205, 52.6290, 102.0665**, and **13.8191, 11.5134, 54.3173** is the 20% darker color. If you saturate the color by 10%, you get **27.4599, 22.3427, 97.4730**, and if you desaturate by 10%, it is **38.1497, 35.8161, 99.5102**.

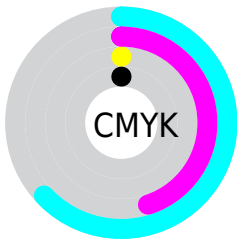
Distribution



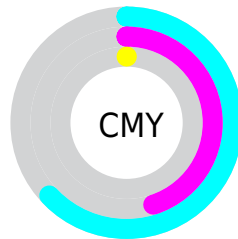
- Red (37%)
- Green (55%)
- Blue (100%)



- Red (37%)
- Yellow (51%)
- Blue (100%)



- Cyan (63%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1474, 28.4091, 98.3969 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 32.1474, 28.4091, 98.3969 by changing the saturation by 10% instead.

■ 32.1474, 28.4091,
98.3969

■ 32.1474, 28.4091,
98.3969

303.5235,
294.4166, 576.2434

■ 21.6302, 18.6343,
74.3530

■ 62.4057, 57.1369,
160.9850

■ 13.7005, 11.4063,
54.5845

■ 82.8776, 76.8587,
200.3663

■ 7.9930, 6.3408,
38.6728

■ 107.3983,
100.6650, 245.6971

■ 4.1422, 3.0534,
26.1994

■ 136.3334,
128.9400, 297.3961

■ 1.7829, 1.1597,
16.7458

170.0481,
162.0683, 355.8816

■ 0.5073, 0.0284,
9.8934

208.9078,

■ 0.0000, 0.0000,

200.4343, 421.5723

5.2236

253.2778,
244.4222, 494.8867

■ 0.0000, 0.0000,
2.3180

■ 0.0000, 0.0000,
0.7413

■ 32.1474, 28.4091,
98.3969

■ 32.1474, 28.4091,
98.3969

■ 27.4599, 22.3427,
97.4730

■ 38.1497, 35.8161,
99.5102

■ 23.9736, 17.5247,
96.7268

■ 45.5605, 44.6416,
100.8231

■ 21.5587, 13.8529,
96.1453

■ 54.4680, 54.9600,
102.3453

■ 20.3487, 11.8175,
95.8162

■ 64.9523, 66.8396,
104.0857

■ 77.0872, 80.3441,
106.0528

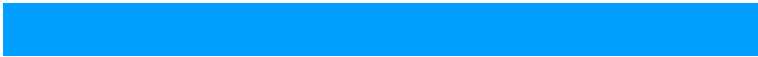
■ 90.9422, 95.5335,
108.2544

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.



23.7187, 28.4091, 100.7781



32.1474, 28.4091, 98.3969



40.6377, 28.4091, 73.2340

Triad

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



32.1474, 28.4091, 98.3969



39.2847, 28.4091, 7.9220



14.1920, 28.4091, 22.1215

Complementary

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



32.1474, 28.4091, 98.3969



66.3543, 68.1831, 20.4919

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.



16.8189, 28.4091, 9.1872



32.1474, 28.4091, 98.3969



30.5751, 28.4091, 4.2880

Square

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



32.1474, 28.4091, 98.3969



45.3052, 28.4091, 19.0194



22.4372, 28.4091, 4.5872



14.4418, 28.4091, 47.0029

Rectangle

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



32.1474, 28.4091, 98.3969



44.6712, 28.4091, 51.8521



22.4372, 28.4091, 4.5872



14.7410, 28.4091, 16.5666

Sweetspot

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



32.1485, 28.4099, 98.3970



69.2958, 71.6990, 104.7948



52.0719, 78.5900, 73.1818



14.1170, 14.5470, 22.3138



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.



32.1485, 28.4099, 98.3970



26.5717, 21.1489, 97.2894



31.2989, 20.1260, 96.8428



17.4189, 18.2093, 22.8466



10.7406, 6.3908, 50.1020



1.1335, 0.7976, 4.9075

Inverse Universe

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



50.0667, 31.3395, 28.2218



46.3017, 26.1956, 19.6104



67.4427, 87.6144, 24.1852



18.2193, 18.0710, 19.7721



22.2096, 11.3731, 4.4881



2.2067, 1.1251, 0.6700

Previews

White Background



This preview shows how the XYZ color 32.1474, 28.4091, 98.3969 looks on a white background.

Color Contrast Check

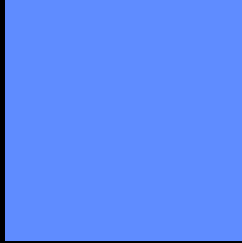
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1474, 28.4091, 98.3969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

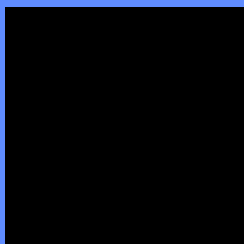
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

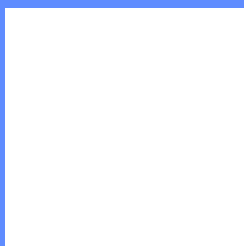
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.1474, 28.4091, 98.3969

Background



This preview shows how black text looks on a background with the XYZ color 32.1474, 28.4091, 98.3969.



This preview shows how white text looks on a background with the XYZ color 32.1474, 28.4091,

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

32.1474, 28.4091, 98.3969

Protanopia

31.8893, 28.4939, 98.4269

Deuteranopia

29.4247, 28.3797, 96.8555



Tritanopia

21.2098, 28.4786, 43.4088

Trichromacy



Original Color

32.1474, 28.4091, 98.3969

Protanomaly

31.9885, 28.5451, 98.4315

Deuteranomaly

30.2465, 28.3312, 97.6402

Tritanomaly

24.2036, 27.9140, 59.9894

Monochromacy



Original Color

32.1474, 28.4091, 98.3969

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.1338, 26.4187, 47.9779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1474, 28.4091, 98.3969 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(95, 140, 255)` looks like.

```
.text, #text, p{  
    color:rgb(95, 140, 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(95, 140, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 140, 255) }
```

Border

The CSS property to change the border of an element to XYZ 32.1474, 28.4091, 98.3969 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(95, 140, 255) }
```


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

```
.border{ border-color:rgb(95, 140, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 140, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 140, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 140, 255);  
box-shadow:4px 4px 4px 4px rgb(95, 140,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1474, 28.4091, 98.3969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 140, 255) }
```

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

```
.background{ background-color: rgb(95, 140,  
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](#).

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