

Converting Colors

XYZ(30.4883, 28.1955, 98.4431)

Have a look what the booklet for
XYZ(30.4883, 28.1955, 98.4431)
contains.

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Color

**XYZ(30.4710, 28.2045,
98.4458)**

Conversions

Conversions Part 1

Format	Color
Hex	478FFF
RGB	71, 143, 255
RGB Percent	28%, 56%, 100%
CMY	0.7215, 0.4392, 0.0000
CMYK	0.72, 0.44, 0.00, 0.00
HSL	217°, 100%, 64%
HSV	217°, 72%, 100%
XYZ	30.4710, 28.2045, 98.4458
YIQ	134.2400, -78.8640, 19.5680

Conversions

Conversions Part 2

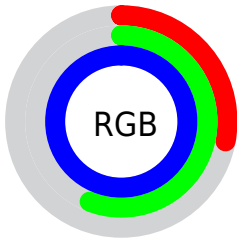
Format	Color
R _Y B	71, 123, 255
Decimal	4689919
CIE Lab	60.07, 14.30, -62.23
CIE LCh	60, 63.856, 282.944
Yxy	28.2045, 0.1939, 0.1795
Android (android.graphics.Color)	4282879999 (0xFF478FFF)
YUV	134.2400, 59.5347, -55.4615
Hunter-Lab	53.1079, 9.4767, -72.7300

Details

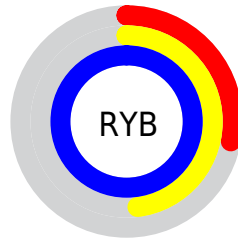
The XYZ color **30.4710, 28.2045, 98.4458** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **59.3137, 55.5870, 13.5666**, and the grayscale version is **22.5586, 23.7334, 25.8457**.

A 20% lighter version of the original color is **48.6051, 52.2753, 102.1361**, and **14.0807, 12.0366, 54.4045** is the 20% darker color. If you saturate the color by 10%, you get **26.8062, 23.0922, 97.6521**, and if you desaturate by 10%, it is **35.2444, 34.3675, 99.3837**.

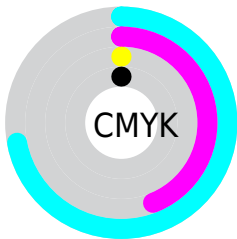
Distribution



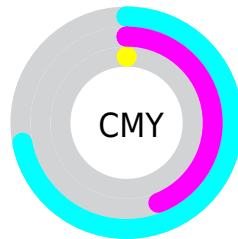
- Red (28%)
- Green (56%)
- Blue (100%)



- Red (28%)
- Yellow (48%)
- Blue (100%)



- Cyan (72%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4710, 28.2045, 98.4458 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 30.4710, 28.2045, 98.4458 by changing the saturation by 10% instead.

■ 30.4710, 28.2045,
98.4458

■ 30.4710, 28.2045,
98.4458

295.9643,
293.4428, 576.4022

■ 20.3462, 18.4799,
74.3936

■ 59.7878, 56.8108,
161.0529

■ 12.7567, 11.2951,
54.6175

■ 79.7105, 76.4612,
200.4449

■ 7.3370, 6.2657,
38.6990

■ 103.6298,
100.1890, 245.7871

■ 3.7220, 3.0073,
26.2196

■ 131.9112,
128.3786, 297.4983

■ 1.5461, 1.1355,
16.7608

164.9200,
161.4144, 355.9968

■ 0.3569, 0.0081,
9.9039

203.0216,

■ 0.0000, 0.0000,

199.6808, 421.7013

5.2305

246.5812,
243.5621, 495.0303

■ 0.0000, 0.0000,
2.3221

■ 0.0000, 0.0000,
0.7435

■ 30.4710, 28.2045,
98.4458

■ 30.4710, 28.2045,
98.4458

■ 26.8062, 23.0922,
97.6521

■ 35.2444, 34.3675,
99.3837

■ 24.1280, 18.9474,
96.9933

■ 41.2229, 41.6485,
100.4740

■ 22.5854, 16.2909,
96.5618

■ 48.4951, 50.1111,
101.7242

■ 57.1397, 59.8123,
103.1411

■ 67.2289, 70.8051,
104.7312

■ 78.8294, 83.1392,
106.5005

■ 92.0036, 96.8614,
108.4548

■ 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.



22.4713, 28.2045, 96.6460



30.4710, 28.2045, 98.4458



38.9558, 28.2045, 76.6352

Triad

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



30.4710, 28.2045, 98.4458



39.9841, 28.2045, 9.1669



14.4493, 28.2045, 19.3433

Complementary

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



30.4710, 28.2045, 98.4458



59.3137, 55.5870, 13.5666

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.



17.4905, 28.2045, 8.1876



30.4710, 28.2045, 98.4458



31.6685, 28.2045, 4.6910

Square

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



30.4710, 28.2045, 98.4458



45.1514, 28.2045, 21.7185



23.4501, 28.2045, 4.4570



14.2576, 28.2045, 41.8927

Rectangle

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



30.4710, 28.2045, 98.4458



43.3140, 28.2045, 55.9636



23.4501, 28.2045, 4.4570



15.1390, 28.2045, 14.4923

Sweetspot

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



30.4721, 28.2053, 98.4459



67.3935, 70.9822, 104.7567



46.7416, 76.2129, 56.1814



13.8067, 14.5260, 22.3260



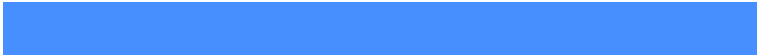
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



30.4721, 28.2053, 98.4459



25.3928, 20.9674, 97.3165



24.4635, 13.8724, 95.9960



17.5859, 18.5435, 22.9023



11.9361, 8.7817, 50.5005



1.2647, 1.0602, 4.9512

Inverse Universe

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



48.4521, 27.7513, 28.7898



45.1753, 23.7110, 19.9499



71.6898, 89.9111, 19.5395



18.3036, 18.1048, 20.2161



22.8130, 11.6145, 7.6656



2.2730, 1.1516, 1.0190

Previews

White Background



This preview shows how the XYZ color 30.4710, 28.2045, 98.4458 looks on a white background.

Color Contrast Check

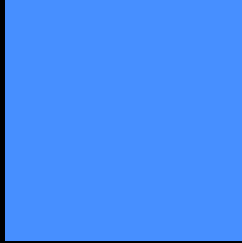
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4710, 28.2045, 98.4458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

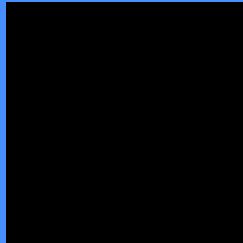
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

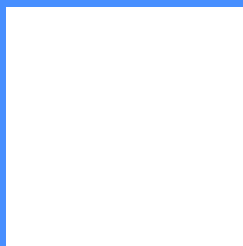
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4710, 28.2045, 98.4458

Background



This preview shows how black text looks on a background with the XYZ color 30.4710, 28.2045, 98.4458.



This preview shows how white text looks on a background with the XYZ color 30.4710, 28.2045,

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

30.4710, 28.2045, 98.4458

Protanopia

31.4630, 28.1116, 95.8633

Deuteranopia

29.2505, 28.2714, 97.6812



Tritanopia

20.0172, 28.1202, 43.4024

Trichromacy



Original Color

30.4710, 28.2045, 98.4458

Protanomaly

31.0008, 28.0729, 96.7132

Deuteranomaly

29.5361, 28.1908, 97.6506

Tritanomaly

22.6423, 27.5951, 60.0101

Monochromacy



Original Color

30.4710, 28.2045, 98.4458

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.5371, 24.4852, 45.6051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4710, 28.2045, 98.4458 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(71, 143, 255)` looks like.

```
.text, #text, p{  
  color:rgb(71, 143, 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(71, 143, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 143, 255) }
```

Border

The CSS property to change the border of an element to XYZ 30.4710, 28.2045, 98.4458 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(71, 143, 255) }
```


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

```
.border{ border-color:rgb(71, 143, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 143, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 143, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 143, 255);  
box-shadow:4px 4px 4px 4px rgb(71, 143,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4710, 28.2045, 98.4458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 143, 255) }
```

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

```
.background{ background-color: rgb(71, 143,  
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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