

Converting Colors

XYZ(34.0463, 28.1217, 98.2413)

Have a look what the booklet for
XYZ(34.0463, 28.1217, 98.2413)
contains.

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Color

**XYZ(34.0463, 28.1217,
98.2413)**

Conversions

Conversions Part 1

Format	Color
Hex	7686FF
RGB	118, 134, 255
RGB Percent	46%, 53%, 100%
CMY	0.5372, 0.4745, 0.0000
CMYK	0.54, 0.47, 0.00, 0.00
HSL	233°, 100%, 73%
HSV	233°, 54%, 100%
XYZ	34.0463, 28.1217, 98.2413
YIQ	143.0100, -48.3770, 34.2390

Conversions

Conversions Part 2

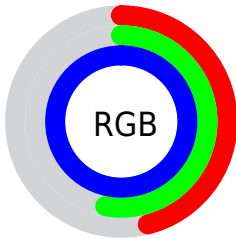
Format	Color
RYB	118, 132, 255
Decimal	7767807
CIELab	60.00, 27.52, -62.23
CIELCh	60, 68.040, 293.855
Yxy	28.1217, 0.2122, 0.1753
Android (android.graphics.Color)	4285957887 (0xFF7686FF)
YUV	143.0100, 55.2111, -21.9338
Hunter-Lab	53.0299, 21.7984, -72.7176

Details

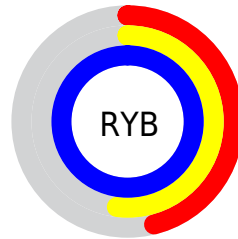
The XYZ color **34.0463, 28.1217, 98.2413** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **75.3785, 84.3044, 29.4411**, and the grayscale version is **25.9141, 27.2636, 29.6901**.

A 20% lighter version of the original color is **54.1804, 52.2256, 101.8327**, and **14.7427, 11.2583, 54.2194** is the 20% darker color. If you saturate the color by 10%, you get **28.2512, 20.9951, 97.1712**, and if you desaturate by 10%, it is **41.4422, 37.0582, 99.5764**.

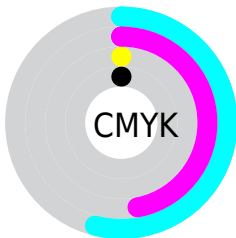
Distribution



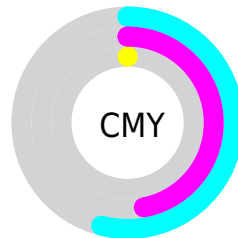
- Red (46%)
- Green (53%)
- Blue (100%)



- Red (46%)
- Yellow (52%)
- Blue (100%)



- Cyan (54%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0463, 28.1217, 98.2413 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 34.0463, 28.1217, 98.2413 by changing the saturation by 10% instead.

■ 34.0463, 28.1217,
98.2413

■ 34.0463, 28.1217,
98.2413

311.9207,
293.0480, 575.7377

■ 23.0922, 18.4174,
74.2239

■ 65.3495, 56.6787,
160.7690

■ 14.7827, 11.2501,
54.4794

■ 86.4293, 76.3002,
200.1163

■ 8.7523, 6.2353,
38.5893

■ 111.6151, 99.9962,
245.4107

■ 4.6358, 2.9887,
26.1350

141.2721,
128.1511, 297.0707

■ 2.0677, 1.1258,
16.6980

175.7659,
161.1494, 355.5149

■ 0.6716, 0.0000,
9.8597

215.4617,

■ 0.0000, 0.0000,

199.3753, 421.1618

5.2017

260.7248,
243.2134, 494.4299

■ 0.0000, 0.0000,
2.3053

■ 0.0000, 0.0000,
0.7342

■ 34.0463, 28.1217,
98.2413

■ 34.0463, 28.1217,
98.2413

■ 28.2512, 20.9951,
97.1712

■ 41.4422, 37.0582,
99.5764

■ 23.9339, 15.5509,
96.3479

■ 50.5431, 47.9147,
101.1923

■ 20.9584, 11.6491,
95.7516

■ 61.4481, 60.7959,
103.1039

■ 19.1611, 9.1249,
95.3591

■ 74.2477, 75.7977,
105.3249

■ 18.5085, 8.1371,
95.2028

■ 89.0264, 93.0101,
107.8683

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.



24.9854, 28.1217, 106.7436



34.0463, 28.1217, 98.2413



42.5604, 28.1217, 68.2509

Triad

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



34.0463, 28.1217, 98.2413



37.8052, 28.1217, 5.9953



13.3536, 28.1217, 25.7924

Complementary

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



34.0463, 28.1217, 98.2413



75.3785, 84.3044, 29.4411

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.



15.4090, 28.1217, 10.2225



34.0463, 28.1217, 98.2413



28.5516, 28.1217, 3.4656

Square

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



34.0463, 28.1217, 98.2413



45.0380, 28.1217, 15.0965



20.5430, 28.1217, 4.4332



14.2068, 28.1217, 54.2453

Rectangle

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



34.0463, 28.1217, 98.2413



46.1314, 28.1217, 45.8907



20.5430, 28.1217, 4.4332



13.7101, 28.1217, 19.1791

Sweetspot

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



34.0474, 28.1226, 98.2414



71.1620, 72.1903, 104.7912



58.4794, 81.4709, 92.5606



14.6533, 14.7746, 22.3294



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.



34.0474, 28.1226, 98.2414



28.1122, 20.8221, 97.1451



40.7283, 28.5294, 97.9678



17.1738, 17.7192, 22.7649



9.7248, 4.3591, 49.7634



0.9991, 0.5289, 4.8627

Inverse Universe

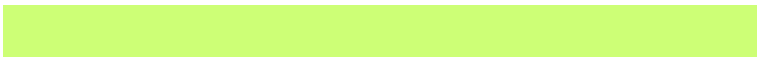
The Inverse Universe completely reimagines the original color for something new.



52.0224, 35.9397, 26.7499



47.9111, 30.0242, 18.2669



64.1436, 85.7745, 30.3171



18.0956, 18.0216, 19.1206



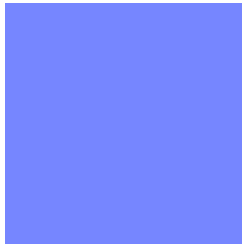
21.6968, 11.1680, 1.7879



2.1389, 1.0979, 0.3129

Previews

White Background



This preview shows how the XYZ color 34.0463, 28.1217, 98.2413 looks on a white background.

Color Contrast Check

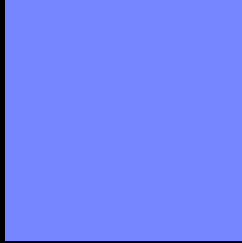
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.0463, 28.1217, 98.2413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

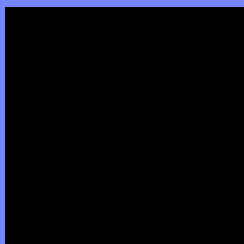
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.0463, 28.1217, 98.2413

Background



This preview shows how black text looks on a background with the XYZ color 34.0463, 28.1217, 98.2413.



This preview shows how white text looks on a background with the XYZ color 34.0463, 28.1217,

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

34.0463, 28.1217, 98.2413

Protanopia

31.6445, 28.1498, 98.3734

Deuteranopia

29.3178, 28.3429, 96.0210



Tritanopia

22.4611, 27.9275, 40.7659

Trichromacy



Original Color

34.0463, 28.1217, 98.2413

Protanomaly

32.3940, 28.1063, 98.3254

Deuteranomaly

30.4632, 28.0156, 96.7305

Tritanomaly

25.7795, 27.5876, 57.9990

Monochromacy



Original Color

34.0463, 28.1217, 98.2413

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.8613, 27.2852, 49.1455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0463, 28.1217, 98.2413 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(118, 134, 255)` looks like.

```
.text, #text, p{  
    color:rgb(118, 134, 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(118, 134, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 134, 255) }
```

Border

The CSS property to change the border of an element to XYZ 34.0463, 28.1217, 98.2413 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(118, 134, 255) }
```


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

```
.border{ border-color:rgb(118, 134, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 134, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 134, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 134, 255);  
box-shadow:4px 4px 4px 4px rgb(118, 134,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0463, 28.1217, 98.2413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 134, 255) }
```

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

```
.background{ background-color: rgb(118,  
134, 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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