

Converting Colors

XYZ(34.1218, 26.7981, 88.1695)

Have a look what the booklet for
XYZ(34.1218, 26.7981, 88.1695)
contains.

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Color

**XYZ(34.1197, 26.7960,
88.1679)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7EF3
RGB	138, 126, 243
RGB Percent	54%, 49%, 95%
CMY	0.4588, 0.5059, 0.0471
CMYK	0.43, 0.48, 0.00, 0.05
HSL	246°, 83%, 72%
HSV	246°, 48%, 95%
XYZ	34.1197, 26.7960, 88.1679
YIQ	142.9260, -30.4050, 38.9310

Conversions

Conversions Part 2

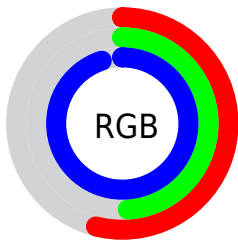
Format	Color
R _Y B	138, 126, 243
Decimal	9076467
CIE Lab	58.79, 33.00, -57.47
CIE LCh	59, 66.276, 299.865
Yxy	26.7960, 0.2289, 0.1797
Android (android.graphics.Color)	4287266547 (0xFF8A7EF3)
YUV	142.9260, 49.3365, -4.3201
Hunter-Lab	51.7649, 27.0660, -64.7496

Details

The XYZ color **34.1197, 26.7960, 88.1679** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **68.7712, 82.5966, 32.0574**, and the grayscale version is **25.8981, 27.2468, 29.6717**.

A 20% lighter version of the original color is **56.9350, 51.1960, 101.4887**, and **14.8251, 10.5584, 47.7110** is the 20% darker color. If you saturate the color by 10%, you get **28.1286, 19.6419, 87.1033**, and if you desaturate by 10%, it is **41.5919, 35.8344, 89.5192**.

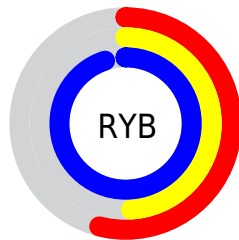
Distribution



Red (54%)

Green (49%)

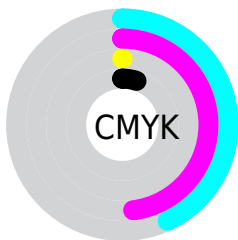
Blue (95%)



Red (54%)

Yellow (49%)

Blue (95%)

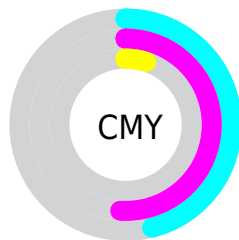


Cyan (43%)

Magenta (48%)

Yellow (0%)

Black (5%)



Cyan (46%)

Magenta (51%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1197, 26.7960, 88.1679 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 34.1197, 26.7960, 88.1679 by changing the saturation by 10% instead.

■ 34.1197, 26.7960,
88.1679

■ 34.1197, 26.7960,
88.1679

312.2420,
286.6680, 542.4685

■ 23.1489, 17.4201,
65.8970

■ 65.4628, 54.5563,
146.7041

■ 14.8248, 10.5344,
47.7328

■ 86.5659, 73.7095,
183.8064

■ 8.7820, 5.7547,
33.2569

■ 111.7770, 96.8906,
226.6897

■ 4.6552, 2.6965,
22.0506

141.4616,
124.4840, 275.7724

■ 2.0791, 0.9754,
13.6954

175.9851,
156.8740, 331.4731

■ 0.6778, 0.0000,
7.7728

215.7127,

■ 0.0000, 0.0000,

194.4451, 394.2103

3.8642

261.0099,
237.5816, 464.4026

■ 0.0000, 0.0000,
1.5512

■ 0.0000, 0.0000,
0.2556

■ 34.1197, 26.7960,
88.1679

■ 34.1197, 26.7960,
88.1679

■ 28.1286, 19.6419,
87.1033

■ 41.5919, 35.8344,
89.5192

■ 23.5160, 14.2356,
86.3029

■ 50.6319, 46.8751,
91.1738

■ 20.1717, 10.4268,
85.7440

■ 61.3234, 60.0293,
93.1493

■ 17.9663, 8.0381,
85.3992

■ 73.7436, 75.3996,
95.4615

■ 16.7324, 6.8296,
85.2309

■ 87.9643, 93.0817,
98.1250

■ 16.5769, 6.6769,
85.2097

■ 93.1778, 99.2511,
99.0410

Harmonies

Analogous

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



25.4318, 26.7960, 101.2549



34.1197, 26.7960, 88.1679



41.6141, 26.7960, 58.0935

Triad

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



34.1197, 26.7960, 88.1679



34.1977, 26.7960, 5.0002



12.7679, 26.7960, 29.0704

Complementary

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



34.1197, 26.7960, 88.1679



68.7712, 82.5966, 32.0574

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.



14.1552, 26.7960, 11.9165



34.1197, 26.7960, 88.1679



25.5058, 26.7960, 3.3490

Square

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



34.1197, 26.7960, 88.1679



41.6655, 26.7960, 12.0178



18.4197, 26.7960, 4.9676



14.1302, 26.7960, 57.8034

Rectangle

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



34.1197, 26.7960, 88.1679



44.2742, 26.7960, 37.8309



18.4197, 26.7960, 4.9676



12.9232, 26.7960, 21.9538

Sweetspot

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



34.1208, 26.7969, 88.1686



73.8797, 73.7217, 104.9436



53.4424, 68.2272, 95.1471



15.1897, 15.0086, 22.3463



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.



34.1208, 26.7969, 88.1686



31.3828, 21.9138, 97.1835



46.4562, 33.1560, 88.7459



15.7389, 16.0080, 20.8029



9.1493, 3.6910, 46.7682



0.8557, 0.3510, 4.1129

Inverse Universe

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



58.8470, 39.7464, 80.1702



62.2107, 38.0773, 86.3744



53.0065, 74.4696, 31.3196



17.1361, 16.7373, 20.4631



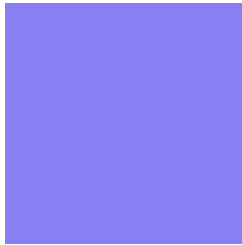
27.2662, 13.2499, 37.7055



2.4172, 1.1728, 3.4231

Previews

White Background



This preview shows how the XYZ color 34.1197, 26.7960, 88.1679 looks on a white background.

Color Contrast Check

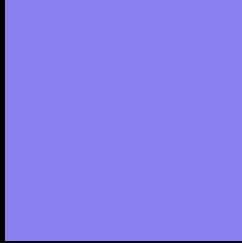
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1197, 26.7960, 88.1679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

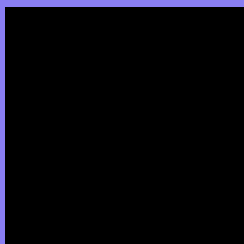
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.1197, 26.7960, 88.1679

Background



This preview shows how black text looks on a background with the XYZ color 34.1197, 26.7960, 88.1679.



This preview shows how white text looks on a background with the XYZ color 34.1197, 26.7960,

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

34.1197, 26.7960, 88.1679

Protanopia

30.5814, 26.9784, 97.3615

Deuteranopia

27.8515, 26.9176, 85.3890



Tritanopia

23.6529, 26.7394, 36.2623

Trichromacy



Original Color

34.1197, 26.7960, 88.1679

Protanomaly

31.3518, 26.6202, 93.9283

Deuteranomaly

29.2517, 26.3325, 85.9790

Tritanomaly

26.7301, 26.4244, 51.8357

Monochromacy



Original Color

34.1197, 26.7960, 88.1679

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.0668, 26.8087, 46.3431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1197, 26.7960, 88.1679 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(138, 126, 243)` looks like.

```
.text, #text, p{  
    color:rgb(138, 126, 243)  
}
```

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(138, 126, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 126, 243) }
```

Border

The CSS property to change the border of an element to XYZ 34.1197, 26.7960, 88.1679 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(138, 126, 243) }
```


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

```
.border{ border-color:rgb(138, 126, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 126, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 126, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 126, 243); box-shadow:4px 4px 4px 4px rgb(138, 126, 243) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1197, 26.7960, 88.1679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 126, 243) }
```

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

```
.background{ background-color: rgb(138,  
126, 243) }
```

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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