

Converting Colors

XYZ(33.5787, 26.7761, 93.8410)

Have a look what the booklet for
XYZ(33.5787, 26.7761, 93.8410)
contains.

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Color

**XYZ(33.5787, 26.7761,
93.8410)**

Conversions

Conversions Part 1

Format	Color
Hex	7E80FA
RGB	126, 128, 250
RGB Percent	49%, 50%, 98%
CMY	0.5059, 0.4980, 0.0196
CMYK	0.50, 0.49, 0.00, 0.02
HSL	239°, 93%, 74%
HSV	239°, 50%, 98%
XYZ	33.5787, 26.7761, 93.8410
YIQ	141.3100, -40.3540, 37.5180

Conversions

Conversions Part 2

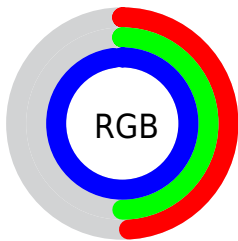
Format	Color
RYB	126, 128, 250
Decimal	8290554
CIELab	58.77, 31.19, -61.42
CIELCh	59, 68.890, 296.925
Yxy	26.7761, 0.2178, 0.1736
Android (android.graphics.Color)	4286480634 (0xFF7E80FA)
YUV	141.3100, 53.5842, -13.4269
Hunter-Lab	51.7456, 25.2771, -71.3008

Details

The XYZ color **33.5787, 26.7761, 93.8410** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **76.7598, 88.9685, 32.8676**, and the grayscale version is **25.2477, 26.5625, 28.9266**.

A 20% lighter version of the original color is **54.5815, 50.5820, 101.4943**, and **14.5360, 10.5322, 51.7189** is the 20% darker color. If you saturate the color by 10%, you get **27.5134, 19.4502, 92.7472**, and if you desaturate by 10%, it is **41.3448, 36.1335, 95.2384**.

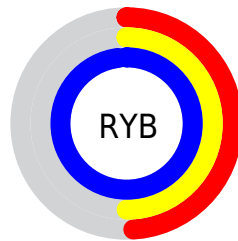
Distribution



Red (49%)

Green (50%)

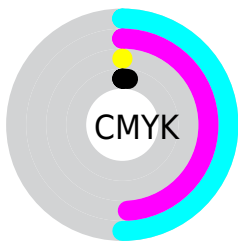
Blue (98%)



Red (49%)

Yellow (50%)

Blue (98%)

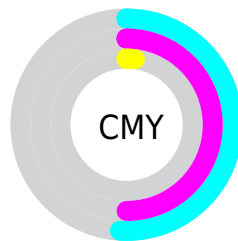


Cyan (50%)

Magenta (49%)

Yellow (0%)

Black (2%)



Cyan (51%)

Magenta (50%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5787, 26.7761, 93.8410 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 33.5787, 26.7761, 93.8410 by changing the saturation by 10% instead.

■ 33.5787, 26.7761,
93.8410

■ 33.5787, 26.7761,
93.8410

309.8685,
286.5714, 561.3372

■ 22.7315, 17.4051,
70.5792

■ 64.6266, 54.5244,
154.6442

■ 14.5150, 10.5238,
51.5191

■ 85.5581, 73.6705,
193.0226

■ 8.5638, 5.7476,
36.2423

■ 110.5816, 96.8437,
237.2770

■ 4.5126, 2.6922,
24.3302

140.0626,
124.4286, 287.8259

■ 1.9960, 0.9732,
15.3643

174.3664,
156.8094, 345.0878

■ 0.6317, 0.0000,
8.9260

213.8585,

■ 0.0000, 0.0000,

194.3705, 409.4813

4.5968

258.9040,
237.4964, 481.4249

■ 0.0000, 0.0000,
1.9581

■ 0.0000, 0.0000,
0.5293

■ 33.5787, 26.7761,
93.8410

■ 33.5787, 26.7761,
93.8410

■ 27.5134, 19.4502,
92.7472

■ 41.3448, 36.1335,
95.2384

■ 23.0184, 14.0029,
91.9327

■ 50.9224, 47.6551,
96.9575

■ 19.9498, 10.2639,
91.3727

■ 62.4168, 61.4653,
99.0173

■ 18.1361, 8.0308,
91.0373

■ 75.9246, 77.6783,
101.4348

■ 17.3224, 7.0175,
90.8846

■ 91.5354, 96.4007,
104.2258

■ 17.2991, 6.9895,
90.8804

■ 94.2554, 99.6822,
104.7158

Harmonies

Analogous

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



24.5843, 26.7761, 105.1669



33.5787, 26.7761, 93.8410



41.7220, 26.7761, 62.8265

Triad

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



33.5787, 26.7761, 93.8410



35.4363, 26.7761, 4.9087



12.3838, 26.7761, 26.7182

Complementary

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



33.5787, 26.7761, 93.8410



76.7598, 88.9685, 32.8676

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.



14.0772, 26.7761, 10.3622



33.5787, 26.7761, 93.8410



26.3356, 26.7761, 2.9571

Square

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



33.5787, 26.7761, 93.8410



42.9513, 26.7761, 12.6978



18.7518, 26.7761, 4.1831



13.4954, 26.7761, 55.8551

Rectangle

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



33.5787, 26.7761, 93.8410



44.8876, 26.7761, 41.0591



18.7518, 26.7761, 4.1831



12.6327, 26.7761, 19.8071

Sweetspot

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



33.5799, 26.7770, 93.8417



71.4982, 71.7478, 104.6881



59.7239, 79.5809, 100.9662



14.6798, 14.6082, 22.2959



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.



33.5799, 26.7770, 93.8417



28.5265, 20.0388, 96.9721



44.9514, 32.2566, 94.3000



16.3054, 16.6877, 21.7470



9.1857, 3.7270, 48.2088



0.8584, 0.3605, 4.4675

Inverse Universe

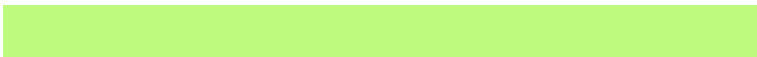
The Inverse Universe completely reimagines the original color for something new.



50.7826, 36.8059, 24.8503



48.5136, 31.7716, 16.7958



59.2048, 80.8343, 32.2228



17.2560, 17.2297, 17.9377



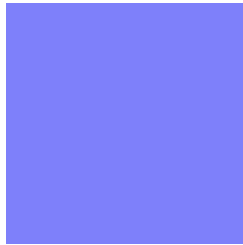
20.9286, 10.7871, 1.0663



1.9422, 1.0006, 0.1191

Previews

White Background



This preview shows how the XYZ color 33.5787, 26.7761, 93.8410 looks on a white background.

Color Contrast Check

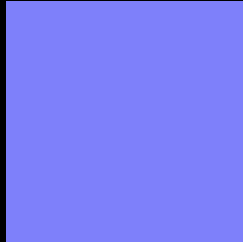
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.5787, 26.7761, 93.8410 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 33.5787, 26.7761, 93.8410

Background



This preview shows how black text looks on a background with the XYZ color 33.5787, 26.7761, 93.8410.



This preview shows how white text looks on a background with the XYZ color 33.5787, 26.7761,

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

33.5787, 26.7761, 93.8410

Protanopia

30.5629, 26.9503, 98.1988

Deuteranopia

28.0792, 27.1172, 91.7499



Tritanopia

22.3261, 26.7208, 37.6991

Trichromacy



Original Color

33.5787, 26.7761, 93.8410

Protanomaly

31.4003, 26.7947, 96.4454

Deuteranomaly

29.3400, 26.6597, 92.4064

Tritanomaly

25.4572, 26.1512, 54.1580

Monochromacy



Original Color

33.5787, 26.7761, 93.8410

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.2980, 26.1788, 47.3303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5787, 26.7761, 93.8410 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(126, 128, 250)` looks like.

```
.text, #text, p{  
    color:rgb(126, 128, 250)  
}
```

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(126, 128, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 128, 250) }
```

Border

The CSS property to change the border of an element to XYZ 33.5787, 26.7761, 93.8410 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(126, 128, 250) }
```


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

```
.border{ border-color:rgb(126, 128, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 128, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 128, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 128, 250);  
box-shadow:4px 4px 4px 4px rgb(126, 128,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5787, 26.7761, 93.8410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 128, 250) }
```

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

```
.background{ background-color: rgb(126,  
128, 250) }
```

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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