

Converting Colors

XYZ(33.7077, 26.1853, 97.4377)

Have a look what the booklet for
XYZ(33.7077, 26.1853, 97.4377)
contains.

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Color

**XYZ(33.6805, 26.1830,
97.0446)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7DFE
RGB	125, 125, 254
RGB Percent	49%, 49%, 100%
CMY	0.5098, 0.5098, 0.0039
CMYK	0.51, 0.51, 0.00, 0.00
HSL	240°, 98%, 74%
HSV	240°, 51%, 100%
XYZ	33.6805, 26.1830, 97.0446
YIQ	139.7060, -41.4090, 40.1190

Conversions

Conversions Part 2

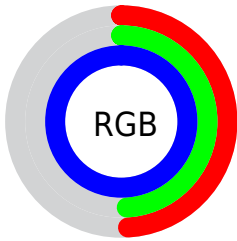
Format	Color
RYB	125, 125, 254
Decimal	8224254
CIELab	58.21, 33.95, -64.52
CIELCh	58, 72.909, 297.751
Yxy	26.1830, 0.2147, 0.1669
Android (android.graphics.Color)	4286414334 (0xFF7D7DFE)
YUV	139.7060, 56.3469, -12.8972
Hunter-Lab	51.1693, 27.9453, -76.6272

Details

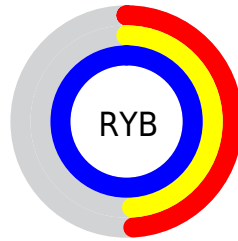
The XYZ color **33.6805, 26.1830, 97.0446** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **80.0153, 93.4348, 33.2200**, and the grayscale version is **24.6146, 25.8964, 28.2012**.

A 20% lighter version of the original color is **53.9780, 49.3751, 101.2931**, and **14.5349, 10.1785, 53.4231** is the 20% darker color. If you saturate the color by 10%, you get **27.6207, 18.8808, 95.9551**, and if you desaturate by 10%, it is **41.5124, 35.6194, 98.4538**.

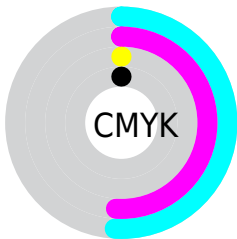
Distribution



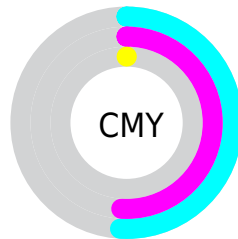
- Red (49%)
- Green (49%)
- Blue (100%)



- Red (49%)
- Yellow (49%)
- Blue (100%)



- Cyan (51%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6805, 26.1830, 97.0446 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 33.6805, 26.1830, 97.0446 by changing the saturation by 10% instead.

■ 33.6805, 26.1830,
97.0446

■ 33.6805, 26.1830,
97.0446

310.3161,
283.6793, 571.8407

■ 22.8100, 16.9606,
73.2316

■ 64.7841, 53.5700,
159.1061

■ 14.5732, 10.2064,
53.6724

■ 85.7479, 72.5034,
198.1917

■ 8.6047, 5.5360,
37.9484

■ 110.8069, 95.4426,
243.2052

■ 4.5393, 2.5651,
25.6411

140.3263,
122.7720, 294.5652

■ 2.0115, 0.9091,
16.3320

174.6716,
154.8760, 352.6902

■ 0.6404, 0.0000,
9.6025

214.2081,

■ 0.0000, 0.0000,

192.1389, 417.9987

5.0341

259.3011,
234.9452, 490.9094

■ 0.0000, 0.0000,
2.2082

■ 0.0000, 0.0000,
0.6791

■ 33.6805, 26.1830,
97.0446

■ 33.6805, 26.1830,
97.0446

■ 27.6207, 18.8808,
95.9551

■ 41.5124, 35.6194,
98.4538

■ 23.1918, 13.5444,
95.1585

■ 51.2363, 47.3360,
100.2028

■ 20.2369, 9.9841,
94.6270

■ 62.9654, 61.4689,
102.3126

■ 18.5667, 7.9717,
94.3266

■ 76.8032, 78.1427,
104.8016

■ 17.8896, 7.1559,
94.2048

■ 92.8460, 97.4735,
107.6873

94.8895, 99.9358,
108.0548

Harmonies

Analogous

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



24.2243, 26.1830, 110.1976



33.6805, 26.1830, 97.0446



42.2307, 26.1830, 63.2226

Triad

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



33.6805, 26.1830, 97.0446



35.1156, 26.1830, 3.9642



11.4610, 26.1830, 26.6388

Complementary

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



33.6805, 26.1830, 97.0446



80.0153, 93.4348, 33.2200

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.



13.0903, 26.1830, 9.6094



33.6805, 26.1830, 97.0446



25.5599, 26.1830, 2.2763

Square

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



33.6805, 26.1830, 97.0446



43.1879, 26.1830, 11.3046



17.7737, 26.1830, 3.4727



12.6600, 26.1830, 57.7551

Rectangle

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



33.6805, 26.1830, 97.0446



45.4949, 26.1830, 40.1490



17.7737, 26.1830, 3.4727



11.6856, 26.1830, 19.3688

Sweetspot

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



33.6817, 26.1838, 97.0453



71.3399, 71.4306, 104.6352



61.7892, 82.3999, 106.4146



14.6424, 14.5332, 22.2834



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.



33.6817, 26.1838, 97.0453



27.7501, 18.9076, 96.7947



46.3341, 32.7064, 97.6374



17.0032, 17.3778, 22.7080



9.4316, 3.7727, 49.6657



0.9183, 0.3673, 4.8358

Inverse Universe

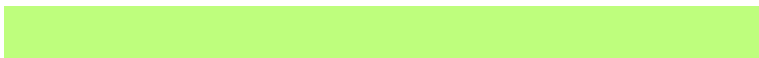
The Inverse Universe completely reimagines the original color for something new.



66.0958, 42.8941, 98.5582



63.7937, 37.4888, 98.4766



60.2546, 83.2478, 32.2952



18.7927, 18.3004, 22.7916



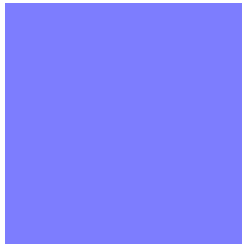
30.9795, 14.8811, 50.6700



3.0164, 1.4489, 4.9336

Previews

White Background



This preview shows how the XYZ color 33.6805, 26.1830, 97.0446 looks on a white background.

Color Contrast Check

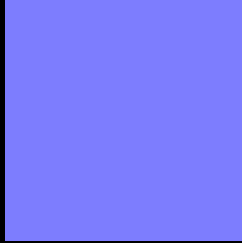
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.6805, 26.1830, 97.0446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

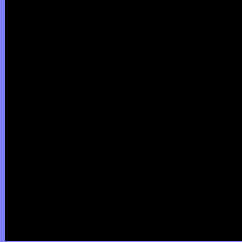
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.6805, 26.1830, 97.0446

Background



This preview shows how black text looks on a background with the XYZ color 33.6805, 26.1830, 97.0446.



This preview shows how white text looks on a background with the XYZ color 33.6805, 26.1830,

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

33.6805, 26.1830, 97.0446

Protanopia

30.0786, 26.4906, 98.1356

Deuteranopia

27.3803, 26.4811, 94.1108



Tritanopia

21.6544, 26.1508, 37.1640

Trichromacy



Original Color

33.6805, 26.1830, 97.0446

Protanomaly

31.1251, 26.2093, 98.0262

Deuteranomaly

28.2666, 25.6301, 94.7241

Tritanomaly

25.0595, 25.7154, 54.6817

Monochromacy



Original Color

33.6805, 26.1830, 97.0446

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.9961, 25.8150, 47.2760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6805, 26.1830, 97.0446 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(125, 125, 254)` looks like.

```
.text, #text, p{  
    color:rgb(125, 125, 254)  
}
```

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(125, 125, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 125, 254) }
```

Border

The CSS property to change the border of an element to XYZ 33.6805, 26.1830, 97.0446 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(125, 125, 254) }
```


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

```
.border{ border-color:rgb(125, 125, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 125, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 125, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 125, 254); box-shadow:4px 4px 4px 4px rgb(125, 125, 254) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6805, 26.1830, 97.0446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 125, 254) }
```

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

```
.background{ background-color: rgb(125,  
125, 254) }
```

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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