

Converting Colors

XYZ(34.4621, 25.1760, 97.6508)

Have a look what the booklet for
XYZ(34.4621, 25.1760, 97.6508)
contains.

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Color

**XYZ(34.4030, 25.0935,
97.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	8775FF
RGB	135, 117, 255
RGB Percent	53%, 46%, 100%
CMY	0.4706, 0.5412, 0.0000
CMYK	0.47, 0.54, 0.00, 0.00
HSL	248°, 100%, 73%
HSV	248°, 54%, 100%
XYZ	34.4030, 25.0935, 97.6380
YIQ	138.1140, -33.5700, 46.7340

Conversions

Conversions Part 2

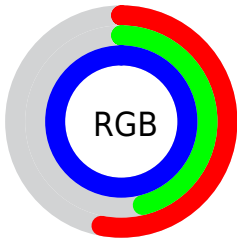
Format	Color
R _Y B	135, 117, 255
Decimal	8877567
CIE Lab	57.17, 40.96, -66.71
CIE LCh	57, 78.285, 301.549
Yxy	25.0935, 0.2189, 0.1597
Android (android.graphics.Color)	4287067647 (0xFF8775FF)
YUV	138.1140, 57.6248, -2.7310
Hunter-Lab	50.0934, 34.9262, -80.4978

Details

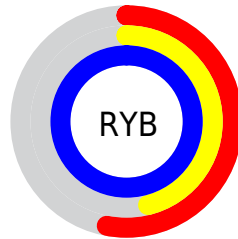
The XYZ color **34.4030, 25.0935, 97.6380** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **73.8946, 90.8082, 30.4631**, and the grayscale version is **23.9983, 25.2480, 27.4951**.

A 20% lighter version of the original color is **54.6729, 47.4388, 100.8828**, and **14.9692, 9.6213, 53.8915** is the 20% darker color. If you saturate the color by 10%, you get **28.6226, 18.2878, 96.6291**, and if you desaturate by 10%, it is **41.7373, 33.9016, 98.9516**.

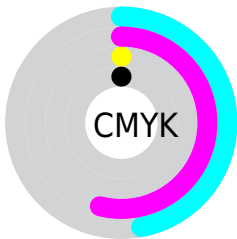
Distribution



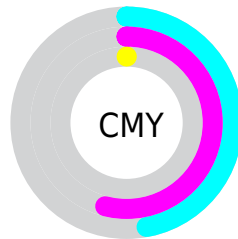
- Red (53%)
- Green (46%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4030, 25.0935, 97.6380 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 34.4030, 25.0935, 97.6380 by changing the saturation by 10% instead.

■ 34.4030, 25.0935,
97.6380

■ 34.4030, 25.0935,
97.6380

313.4797,
278.3033, 573.7749

■ 23.3677, 16.1467,
73.7236

■ 65.9000, 51.8089,
159.9309

■ 14.9875, 9.6280,
54.0724

■ 87.0925, 70.3463,
199.1464

■ 8.8968, 5.1530,
38.2660

■ 112.4013, 92.8493,
244.2994

■ 4.7305, 2.3373,
25.8857

142.1920,
119.7024, 295.8084

■ 2.1232, 0.7934,
16.5132

176.8298,
151.2900, 354.0919

■ 0.7018, 0.0000,
9.7297

216.6801,

■ 0.0000, 0.0000,

187.9964, 419.5684

5.1169

262.1083,
230.2060, 492.6566

■ 0.0000, 0.0000,
2.2561

■ 0.0000, 0.0000,
0.7065

■ 34.4030, 25.0935,
97.6380

■ 34.4030, 25.0935,
97.6380

■ 28.6226, 18.2878,
96.6291

■ 41.7373, 33.9016,
98.9516

■ 24.2792, 13.3235,
95.8998

■ 50.7247, 44.8515,
100.5915

■ 21.2438, 10.0181,
95.4218

■ 61.4598, 58.0724,
102.5776

■ 19.3617, 8.1498,
95.1603

■ 74.0288, 73.6829,
104.9282

■ 18.6858, 7.5478,
95.0798

■ 88.5126, 91.7931,
107.6605

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.



24.3338, 25.0935, 116.2380



34.4030, 25.0935, 97.6380



43.1230, 25.0935, 59.4272

Triad

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



34.4030, 25.0935, 97.6380



33.3525, 25.0935, 2.5631



10.1370, 25.0935, 28.7204

Complementary

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



34.4030, 25.0935, 97.6380



73.8946, 90.8082, 30.4631

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.



11.3947, 25.0935, 9.5474



34.4030, 25.0935, 97.6380



23.3738, 25.0935, 1.4951

Square

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



34.4030, 25.0935, 97.6380



42.4145, 25.0935, 8.4142



15.7122, 25.0935, 2.8575



11.6906, 25.0935, 63.5146

Rectangle

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



34.4030, 25.0935, 97.6380



46.0859, 25.0935, 35.5011



15.7122, 25.0935, 2.8575



10.2428, 25.0935, 20.5077

Sweetspot

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



34.4040, 25.0943, 97.6381



71.5183, 70.5558, 104.4569



56.2236, 72.6766, 105.6724



14.7368, 14.3916, 22.2511



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.



34.4040, 25.0943, 97.6381



28.1830, 17.7778, 96.5538



48.7958, 32.5135, 98.3117



17.2233, 17.4913, 22.7183



9.8312, 3.9787, 49.6844



1.0224, 0.4210, 4.8406

Inverse Universe

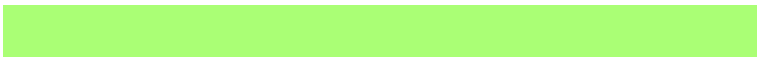
The Inverse Universe completely reimagines the original color for something new.



62.8869, 40.0971, 84.5425



59.5949, 34.3511, 80.8614



55.5271, 81.3394, 29.6035



18.6847, 18.2572, 22.2226



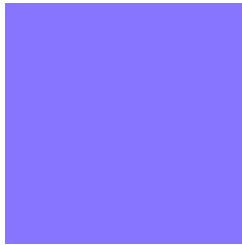
28.4591, 13.8729, 37.3977



2.7981, 1.3616, 3.7844

Previews

White Background



This preview shows how the XYZ color 34.4030, 25.0935, 97.6380 looks on a white background.

Color Contrast Check

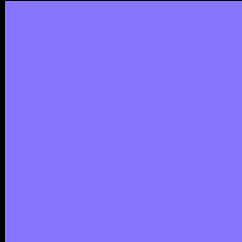
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.4030, 25.0935, 97.6380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

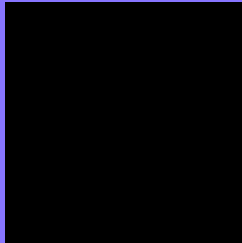
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.4030, 25.0935, 97.6380

Background



This preview shows how black text looks on a background with the XYZ color 34.4030, 25.0935, 97.6380.

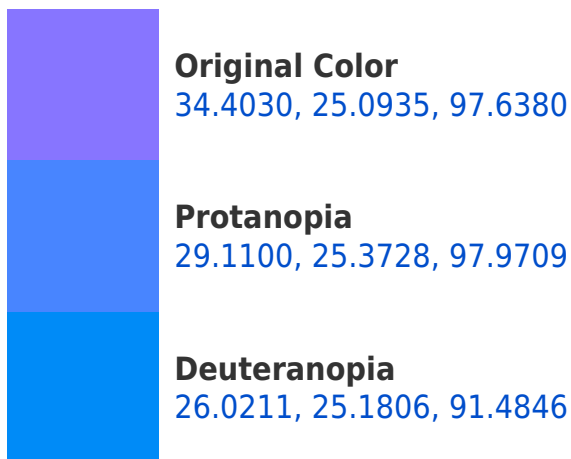


This preview shows how white text looks on a background with the XYZ color 34.4030, 25.0935,

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





Tritanopia

21.7186, 25.1038, 34.2727

Trichromacy



Original Color

34.4030, 25.0935, 97.6380

Protanomaly

30.3587, 24.8316, 97.8007

Deuteranomaly

26.6382, 23.7877, 93.6300

Tritanomaly

25.2652, 24.5937, 52.7057

Monochromacy



Original Color

34.4030, 25.0935, 97.6380

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.6396, 24.6198, 47.0641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4030, 25.0935, 97.6380 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(135, 117, 255)` looks like.

```
.text, #text, p{  
    color:rgb(135, 117, 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(135, 117, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 117, 255) }
```

Border

The CSS property to change the border of an element to XYZ 34.4030, 25.0935, 97.6380 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(135, 117, 255) }
```


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

```
.border{ border-color:rgb(135, 117, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 117, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 117, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 117, 255);  
box-shadow:4px 4px 4px 4px rgb(135, 117,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4030, 25.0935, 97.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 117, 255) }
```

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

```
.background{ background-color: rgb(135,  
117, 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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