

Converting Colors

XYZ(34.0639, 26.7800, 96.2472)

Have a look what the booklet for
XYZ(34.0639, 26.7800, 96.2472)
contains.

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Color

**XYZ(34.0714, 26.7826,
96.3023)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7FFD
RGB	127, 127, 253
RGB Percent	50%, 50%, 99%
CMY	0.5019, 0.5020, 0.0078
CMYK	0.50, 0.50, 0.00, 0.01
HSL	240°, 97%, 75%
HSV	240°, 50%, 99%
XYZ	34.0714, 26.7826, 96.3023
YIQ	141.3640, -40.4460, 39.1860

Conversions

Conversions Part 2

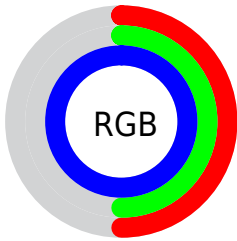
Format	Color
RYB	127, 127, 253
Decimal	8355837
CIELab	58.77, 32.89, -63.06
CIELCh	59, 71.123, 297.544
Yxy	26.7826, 0.2168, 0.1704
Android (android.graphics.Color)	4286545917 (0xFF7F7FFD)
YUV	141.3640, 55.0365, -12.5972
Hunter-Lab	51.7519, 26.9515, -74.1032

Details

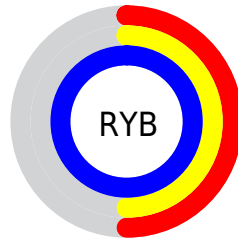
The XYZ color **34.0714, 26.7826, 96.3023** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **79.4629, 92.6652, 33.7772**, and the grayscale version is **25.2633, 26.5790, 28.9445**.

A 20% lighter version of the original color is **54.6210, 50.3016, 101.4381**, and **14.7547, 10.5127, 52.8813** is the 20% darker color. If you saturate the color by 10%, you get **27.8981, 19.3437, 95.1924**, and if you desaturate by 10%, it is **42.0130, 36.3512, 97.7312**.

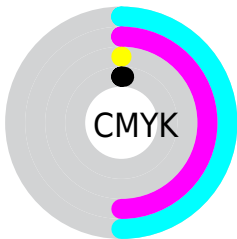
Distribution



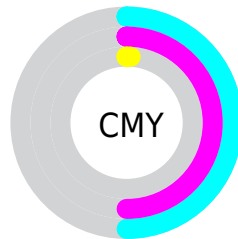
- Red (50%)
- Green (50%)
- Blue (99%)



- Red (50%)
- Yellow (50%)
- Blue (99%)



- Cyan (50%)
- Magenta (50%)
- Yellow (0%)
- Black (1%)



- Cyan (50%)
- Magenta (50%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0714, 26.7826, 96.3023 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 34.0714, 26.7826, 96.3023 by changing the saturation by 10% instead.

■ 34.0714, 26.7826,
96.3023

■ 34.0714, 26.7826,
96.3023

312.0306,
286.6030, 569.4163

■ 23.1116, 17.4100,
72.6165

■ 65.3882, 54.5348,
158.0736

■ 14.7971, 10.5273,
53.1725

■ 86.4760, 73.6832,
196.9961

■ 8.7625, 5.7499,
37.5518

■ 111.6704, 96.8591,
241.8347

■ 4.6425, 2.6936,
25.3359

141.3370,
124.4467, 293.0078

■ 2.0716, 0.9740,
16.1062

175.8409,
156.8305, 350.9339

■ 0.6737, 0.0000,
9.4442

215.5475,

■ 0.0000, 0.0000,

194.3949, 416.0317

4.9313

260.8223,
237.5242, 488.7197

■ 0.0000, 0.0000,
2.1490

■ 0.0000, 0.0000,
0.6447

■ 34.0714, 26.7826,
96.3023

■ 34.0714, 26.7826,
96.3023

■ 27.8981, 19.3437,
95.1924

■ 42.0130, 36.3512,
97.7312

■ 23.3549, 13.8695,
94.3752

■ 51.8404, 48.1926,
99.4989

■ 20.2887, 10.1750,
93.8237

■ 63.6647, 62.4402,
101.6258

■ 18.5159, 8.0390,
93.5049

■ 77.5878, 79.2168,
104.1301

■ 17.7416, 7.1061,
93.3656

93.7045, 98.6366,
107.0291

■ 17.7298, 7.0920,
93.3635

94.7297, 99.8719,
107.2135

Harmonies

Analogous

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



24.7406, 26.7826, 108.8431



34.0714, 26.7826, 96.3023



42.4885, 26.7826, 63.4886

Triad

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



34.0714, 26.7826, 96.3023



35.6135, 26.7826, 4.4527



12.0583, 26.7826, 27.1417

Complementary

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



34.0714, 26.7826, 96.3023



79.4629, 92.6652, 33.7772

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.



13.7194, 26.7826, 10.1720



34.0714, 26.7826, 96.3023



26.1852, 26.7826, 2.6365

Square

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



34.0714, 26.7826, 96.3023



43.5129, 26.7826, 12.0526



18.4312, 26.7826, 3.8875



13.2466, 26.7826, 57.6584

Rectangle

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



34.0714, 26.7826, 96.3023



45.7126, 26.7826, 40.8601



18.4312, 26.7826, 3.8875



12.2914, 26.7826, 19.9409

Sweetspot

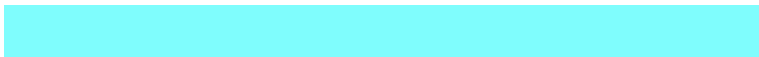
The Sweet Spot groups the original color and five complimentary colors.



34.0726, 26.7835, 96.3030



71.3399, 71.4306, 104.6352



61.6078, 81.8550, 105.4816



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.



34.0726, 26.7835, 96.3030



28.2815, 19.5479, 96.8903



46.5547, 33.2183, 96.8871



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.



65.8268, 43.1535, 97.7852



64.0405, 37.9824, 98.5590



60.1918, 82.7306, 32.8753



18.7927, 18.3004, 22.7916



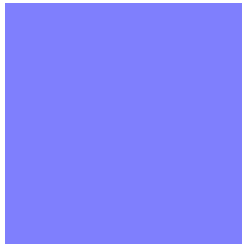
30.9795, 14.8811, 50.6701



3.0164, 1.4489, 4.9336

Previews

White Background



This preview shows how the XYZ color 34.0714, 26.7826, 96.3023 looks on a white background.

Color Contrast Check

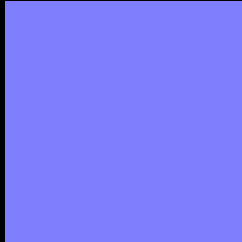
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.0714, 26.7826, 96.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

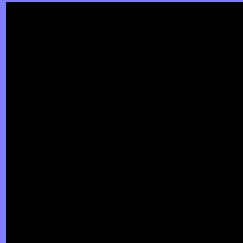
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.0714, 26.7826, 96.3023

Background



This preview shows how black text looks on a background with the XYZ color 34.0714, 26.7826, 96.3023.



This preview shows how white text looks on a background with the XYZ color 34.0714, 26.7826,

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

34.0714, 26.7826, 96.3023

Protanopia

30.5629, 26.9503, 98.1988

Deuteranopia

27.9600, 27.0199, 93.3643



Tritanopia

22.3261, 26.7208, 37.6991

Trichromacy



Original Color

34.0714, 26.7826, 96.3023

Protanomaly

31.4225, 26.5835, 97.2409

Deuteranomaly

29.0250, 26.2493, 93.9793

Tritanomaly

25.5692, 26.1960, 54.7476

Monochromacy



Original Color

34.0714, 26.7826, 96.3023

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.4010, 26.2200, 47.8727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0714, 26.7826, 96.3023 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(127, 127, 253)` looks like.

```
.text, #text, p{  
    color:rgb(127, 127, 253)  
}
```

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(127, 127, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 127, 253) }
```

Border

The CSS property to change the border of an element to XYZ 34.0714, 26.7826, 96.3023 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(127, 127, 253) }
```


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

```
.border{ border-color:rgb(127, 127, 253) }
```

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

Here you see how a box with a 4 pixel rgb(127, 127, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 127, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 127, 253);  
box-shadow:4px 4px 4px 4px rgb(127, 127,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0714, 26.7826, 96.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 127, 253) }
```

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

```
.background{ background-color: rgb(127,  
127, 253) }
```

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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