

Converting Colors

XYZ(34.3695, 32.5341, 78.3744)

Have a look what the booklet for
XYZ(34.3695, 32.5341, 78.3744)
contains.

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Color

**XYZ(34.4154, 32.5362,
78.5950)**

Conversions

Conversions Part 1

Format	Color
Hex	8297E5
RGB	130, 151, 229
RGB Percent	51%, 59%, 90%
CMY	0.4902, 0.4078, 0.1020
CMYK	0.43, 0.34, 0.00, 0.10
HSL	227°, 66%, 70%
HSV	227°, 43%, 90%
XYZ	34.4154, 32.5362, 78.5950
YIQ	153.6130, -37.5540, 19.8060

Conversions

Conversions Part 2

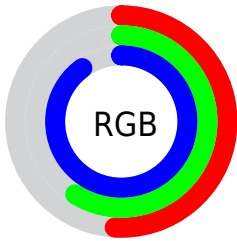
Format	Color
RYB	130, 147, 229
Decimal	8558565
CIELab	63.78, 12.48, -41.85
CIElCh	64, 43.671, 286.606
Yxy	32.5362, 0.2365, 0.2235
Android (android.graphics.Color)	4286748645 (0xFF8297E5)
YUV	153.6130, 37.1658, -20.7086
Hunter-Lab	57.0405, 7.8771, -41.7662

Details

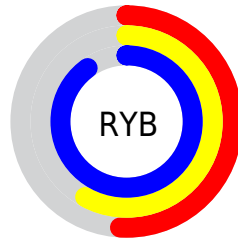
The XYZ color **34.4154, 32.5362, 78.5950** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **58.8995, 63.3831, 30.2505**, and the grayscale version is **30.4011, 31.9843, 34.8309**.

A 20% lighter version of the original color is **60.1310, 61.3217, 103.2748**, and **14.9240, 13.5873, 41.3712** is the 20% darker color. If you saturate the color by 10%, you get **28.6010, 25.5535, 77.5543**, and if you desaturate by 10%, it is **41.4582, 40.8130, 79.8220**.

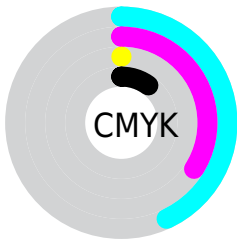
Distribution



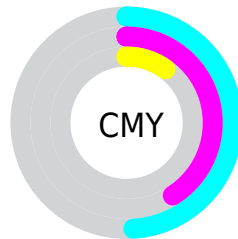
- Red (51%)
- Green (59%)
- Blue (90%)



- Red (51%)
- Yellow (58%)
- Blue (90%)



- Cyan (43%)
- Magenta (34%)
- Yellow (0%)
- Black (10%)



- Cyan (49%)
- Magenta (41%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4154, 32.5362, 78.5950 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 34.4154, 32.5362, 78.5950 by changing the saturation by 10% instead.

■ 34.4154, 32.5362,
78.5950

■ 34.4154, 32.5362,
78.5950

313.5338,
313.5546, 509.7665

■ 23.3773, 21.7714,
58.0435

■ 65.9191, 63.6507,
133.1820

■ 14.9946, 13.6890,
41.4287

■ 87.1155, 84.7693,
168.0547

■ 8.9019, 7.9047,
28.3320

■ 112.4286,
110.1078, 208.5382

■ 4.7338, 4.0340,
18.3349

142.2239,
140.0507, 255.0510

■ 2.1251, 1.6926,
11.0187

176.8668,
174.9825, 308.0117

■ 0.7028, 0.4189,
5.9651

216.7224,

■ 0.0000, 0.0000,

215.2875, 367.8388

2.7554

262.1563,
261.3501, 434.9509

■ 0.0000, 0.0000,
0.9712

■ 0.0000, 0.0000,
0.0000

■ 34.4154, 32.5362,
78.5950

■ 34.4154, 32.5362,
78.5950

■ 28.6010, 25.5535,
77.5543

■ 41.4582, 40.8130,
79.8220

■ 23.9387, 19.7940,
76.6883

■ 49.7923, 50.4425,
81.2414

■ 20.3493, 15.1851,
75.9879

■ 59.4805, 61.4842,
82.8621

■ 17.7411, 11.6447,
75.4420

■ 70.5803, 73.9926,
84.6914

■ 16.0058, 9.0780,
75.0380

■ 83.1460, 88.0195,
86.7366

■ 15.2235, 7.8183,
74.8361

■ 91.1430, 98.4372,
88.3259

Harmonies

Analogous

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



28.2751, 32.5362, 79.4307



34.4154, 32.5362, 78.5950



40.2999, 32.5362, 64.0304

Triad

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



34.4154, 32.5362, 78.5950



39.7453, 32.5362, 16.1296



20.8212, 32.5362, 28.1712

Complementary

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



34.4154, 32.5362, 78.5950



58.8995, 63.3831, 30.2505

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.



23.1294, 32.5362, 16.9342



34.4154, 32.5362, 78.5950



33.7348, 32.5362, 11.6966

Square

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



34.4154, 32.5362, 78.5950



43.6444, 32.5362, 26.6319



27.6784, 32.5362, 11.9320



20.9528, 32.5362, 45.9707

Rectangle

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



34.4154, 32.5362, 78.5950



43.0469, 32.5362, 50.5830



27.6784, 32.5362, 11.9320



21.3230, 32.5362, 23.6473

Sweetspot

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



34.4166, 32.5374, 78.5958



76.1148, 78.6989, 105.7865



48.5562, 65.3173, 69.4340



15.6700, 16.1397, 22.5393



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.



34.4166, 32.5374, 78.5958



37.1232, 33.3677, 99.0917



36.2373, 28.8981, 77.7974



13.8293, 14.3801, 18.1911



8.7749, 4.6119, 42.8109



0.7151, 0.4742, 3.1858

Inverse Universe

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



45.8827, 34.8590, 33.5894



53.7962, 37.4965, 33.4788



56.1236, 70.0618, 31.6859



14.5014, 14.4178, 15.5750



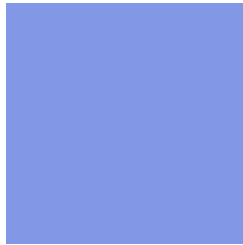
18.8227, 9.6633, 2.6952



1.4246, 0.7275, 0.3764

Previews

White Background



This preview shows how the XYZ color 34.4154, 32.5362, 78.5950 looks on a white background.

Color Contrast Check

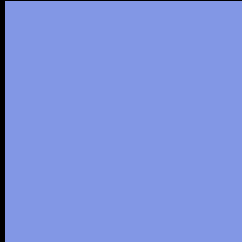
Large Text (above 18pt) WCAG AA × Fail

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 34.4154, 32.5362, 78.5950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

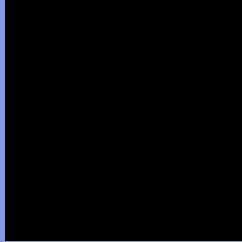
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.4154, 32.5362, 78.5950

Background



This preview shows how black text looks on a background with the XYZ color 34.4154, 32.5362, 78.5950.



This preview shows how white text looks on a background with the XYZ color 34.4154, 32.5362,

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

34.4154, 32.5362, 78.5950

Protanopia

34.2732, 32.7028, 78.6346

Deuteranopia

33.4192, 32.5046, 78.6414



Tritanopia

27.7284, 32.5806, 45.3847

Trichromacy



Original Color

34.4154, 32.5362, 78.5950

Protanomaly

34.4244, 32.7807, 78.6417

Deuteranomaly

33.6833, 32.3987, 78.6070

Tritanomaly

29.8229, 32.3869, 56.3092

Monochromacy



Original Color

34.4154, 32.5362, 78.5950

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.4088, 32.1384, 48.2640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4154, 32.5362, 78.5950 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(130, 151, 229)` looks like.

```
.text, #text, p{  
    color:rgb(130, 151, 229)  
}
```

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(130, 151, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 151, 229) }
```

Border

The CSS property to change the border of an element to XYZ 34.4154, 32.5362, 78.5950 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(130, 151, 229) }
```


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

```
.border{ border-color:rgb(130, 151, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 151, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 151, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 151, 229);  
box-shadow:4px 4px 4px 4px rgb(130, 151,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4154, 32.5362, 78.5950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 151, 229) }
```

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

```
.background{ background-color: rgb(130,  
151, 229) }
```

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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