

Converting Colors

XYZ(35.4568, 33.0730, 77.1518)

Have a look what the booklet for
XYZ(35.4568, 33.0730, 77.1518)
contains.

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Color

**XYZ(35.4130, 33.0825,
77.1921)**

Conversions

Conversions Part 1

Format	Color
Hex	8A97E3
RGB	138, 151, 227
RGB Percent	54%, 59%, 89%
CMY	0.4588, 0.4078, 0.1098
CMYK	0.39, 0.33, 0.00, 0.11
HSL	231°, 61%, 72%
HSV	231°, 39%, 89%
XYZ	35.4130, 33.0825, 77.1921
YIQ	155.7770, -32.1440, 20.8800

Conversions

Conversions Part 2

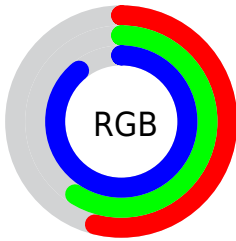
Format	Color
RYB	138, 149, 227
Decimal	9082851
CIELab	64.23, 13.98, -40.01
CIELCh	64, 42.382, 289.257
Yxy	33.0825, 0.2431, 0.2271
Android (android.graphics.Color)	4287272931 (0xFF8A97E3)
YUV	155.7770, 35.1129, -15.5904
Hunter-Lab	57.5174, 9.2456, -39.3089

Details

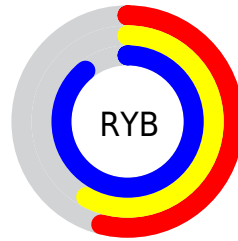
The XYZ color **35.4130, 33.0825, 77.1921** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **60.3138, 66.2607, 33.6571**, and the grayscale version is **31.3604, 32.9936, 35.9301**.

A 20% lighter version of the original color is **62.1295, 62.3520, 103.3683**, and **15.4751, 13.8936, 40.3942** is the 20% darker color. If you saturate the color by 10%, you get **29.1751, 25.6106, 76.0793**, and if you desaturate by 10%, it is **42.9511, 41.9873, 78.5142**.

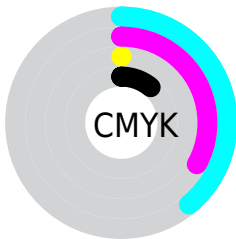
Distribution



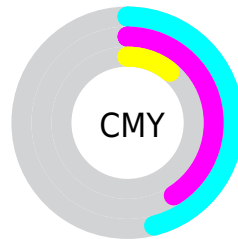
- Red (54%)
- Green (59%)
- Blue (89%)



- Red (54%)
- Yellow (58%)
- Blue (89%)



- Cyan (39%)
- Magenta (33%)
- Yellow (0%)
- Black (11%)



- Cyan (46%)
- Magenta (41%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4130, 33.0825, 77.1921 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 35.4130, 33.0825, 77.1921 by changing the saturation by 10% instead.

■ 35.4130, 33.0825,
77.1921

■ 35.4130, 33.0825,
77.1921

317.8637,
316.0213, 504.8738

■ 24.1492, 22.1897,
56.8980

■ 67.4549, 64.5043,
131.1861

■ 15.5697, 13.9963,
40.5146

■ 88.9637, 85.8021,
165.7231

■ 9.3091, 8.1181,
27.6231

■ 114.6182,
111.3369, 205.8449

■ 5.0020, 4.1706,
17.8052

144.7838,
141.4932, 251.9700

■ 2.2832, 1.7695,
10.6422

179.8257,
176.6555, 304.5168

■ 0.7861, 0.4680,
5.7157

220.1095,

■ 0.0000, 0.0000,

217.2079, 363.9041

2.6070

266.0004,
263.5351, 430.5502

■ 0.0000, 0.0000,
0.8961

■ 0.0000, 0.0000,
0.0000

■ 35.4130, 33.0825,
77.1921

■ 35.4130, 33.0825,
77.1921

■ 29.1751, 25.6106,
76.0793

■ 42.9511, 41.9873,
78.5142

■ 24.1594, 19.4925,
75.1627

■ 51.8541, 52.3912,
80.0531

■ 20.2852, 14.6467,
74.4316

■ 62.1868, 64.3607,
81.8189

■ 17.4601, 10.9815,
73.8730

■ 74.0086, 77.9571,
83.8202

■ 15.5769, 8.3922,
73.4725

■ 87.3756, 93.2385,
86.0653

■ 14.4799, 6.7419,
73.2118

■ 90.8652, 98.3261,
86.8633

■ 14.4134, 6.6424,
73.1961

Harmonies

Analogous

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



29.3377, 33.0825, 79.3260



35.4130, 33.0825, 77.1921



41.0416, 33.0825, 62.2409

Triad

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



35.4130, 33.0825, 77.1921



39.6092, 33.0825, 16.3083



21.3982, 33.0825, 30.1950

Complementary

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



35.4130, 33.0825, 77.1921



60.3138, 66.2607, 33.6571

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.



23.4729, 33.0825, 18.4446



35.4130, 33.0825, 77.1921



33.6486, 33.0825, 12.3011

Square

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



35.4130, 33.0825, 77.1921



43.6697, 33.0825, 26.1677



27.7831, 33.0825, 12.9331



21.7437, 33.0825, 48.0816

Rectangle

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



35.4130, 33.0825, 77.1921



43.5421, 33.0825, 49.0669



27.7831, 33.0825, 12.9331



21.8240, 33.0825, 25.5208

Sweetspot

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



35.4142, 33.0837, 77.1929



76.8977, 79.0975, 105.8221



50.0444, 65.1795, 73.3284



16.0730, 16.4831, 22.5844



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.



35.4142, 33.0837, 77.1929



39.4005, 35.0528, 99.2970



39.3494, 32.1763, 76.8103



13.7518, 14.2251, 18.1652



8.4571, 3.9764, 42.7049



0.6784, 0.4007, 3.1736

Inverse Universe

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



46.3540, 36.7437, 33.9283



55.6462, 40.9183, 34.9526



54.7835, 68.4896, 34.3788



14.4623, 14.4021, 15.3690



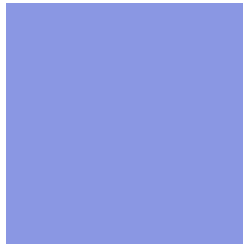
18.6623, 9.5991, 1.8506



1.4060, 0.7201, 0.2788

Previews

White Background



This preview shows how the XYZ color 35.4130, 33.0825, 77.1921 looks on a white background.

Color Contrast Check

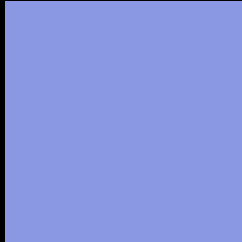
Large Text (above 18pt) WCAG AA × Fail

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 35.4130, 33.0825, 77.1921 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 35.4130, 33.0825, 77.1921

Background



This preview shows how black text looks on a background with the XYZ color 35.4130, 33.0825, 77.1921.



This preview shows how white text looks on a background with the XYZ color 35.4130, 33.0825,

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

35.4130, 33.0825, 77.1921

Protanopia

34.7400, 33.1854, 78.7032

Deuteranopia

33.8873, 33.0378, 76.5424



Tritanopia

28.8423, 32.9057, 44.8757

Trichromacy



Original Color

35.4130, 33.0825, 77.1921

Protanomaly

34.9047, 33.0445, 77.9373

Deuteranomaly

34.3246, 33.0193, 76.5158

Tritanomaly

30.8885, 32.7100, 55.1377

Monochromacy



Original Color

35.4130, 33.0825, 77.1921

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.3935, 32.8782, 48.8948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4130, 33.0825, 77.1921 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(138, 151, 227)` looks like.

```
.text, #text, p{  
    color:rgb(138, 151, 227)  
}
```

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(138, 151, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 151, 227) }
```

Border

The CSS property to change the border of an element to XYZ 35.4130, 33.0825, 77.1921 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(138, 151, 227) }
```


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

```
.border{ border-color:rgb(138, 151, 227) }
```

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

Here you see how a box with a 4 pixel rgb(138, 151, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 151, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 151, 227);  
box-shadow:4px 4px 4px 4px rgb(138, 151,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4130, 33.0825, 77.1921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 151, 227) }
```

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

```
.background{ background-color: rgb(138,  
151, 227) }
```

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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