

Converting Colors

XYZ(35.6873, 33.2847, 77.2178)

Have a look what the booklet for
XYZ(35.6873, 33.2847, 77.2178)
contains.

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Color

**XYZ(35.5792, 33.1682,
77.1999)**

Conversions

Conversions Part 1

Format	Color
Hex	8B97E3
RGB	139, 151, 227
RGB Percent	55%, 59%, 89%
CMY	0.4549, 0.4078, 0.1098
CMYK	0.39, 0.33, 0.00, 0.11
HSL	232°, 61%, 72%
HSV	232°, 39%, 89%
XYZ	35.5792, 33.1682, 77.1999
YIQ	156.0760, -31.5480, 21.0920

Conversions

Conversions Part 2

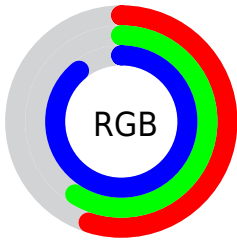
Format	Color
R_{YB}	139, 150, 227
Decimal	9148387
CIE _{Lab}	64.30, 14.24, -39.90
CIE _{LCh}	64, 42.363, 289.644
Yxy	33.1682, 0.2438, 0.2273
Android (android.graphics.Color)	4287338467 (0xFF8B97E3)
YUV	156.0760, 34.9655, -14.9757
Hunter-Lab	57.5918, 9.4884, -39.1619

Details

The XYZ color **35.5792, 33.1682, 77.1999** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **60.6404, 66.7973, 34.1247**, and the grayscale version is **31.4938, 33.1339, 36.0829**.

A 20% lighter version of the original color is **62.3870, 62.4847, 103.3804**, and **15.5640, 13.9394, 40.3983** is the 20% darker color. If you saturate the color by 10%, you get **29.2780, 25.6196, 76.0756**, and if you desaturate by 10%, it is **43.1944, 42.1742, 78.5375**.

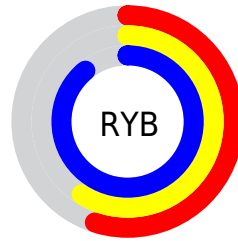
Distribution



Red (55%)

Green (59%)

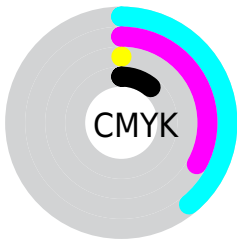
Blue (89%)



Red (55%)

Yellow (59%)

Blue (89%)

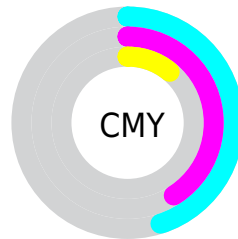


Cyan (39%)

Magenta (33%)

Yellow (0%)

Black (11%)



Cyan (45%)

Magenta (41%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5792, 33.1682, 77.1999 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 35.5792, 33.1682, 77.1999 by changing the saturation by 10% instead.

■ 35.5792, 33.1682,
77.1999

■ 35.5792, 33.1682,
77.1999

318.5810,
316.4070, 504.9011

■ 24.2780, 22.2553,
56.9044

■ 67.7102, 64.6380,
131.1972

■ 15.6658, 14.0446,
40.5197

■ 89.2707, 85.9638,
165.7361

■ 9.3773, 8.1517,
27.6271

114.9817,
111.5293, 205.8599

■ 5.0472, 4.1922,
17.8081

145.2085,
141.7190, 251.9871

■ 2.3100, 1.7816,
10.6443

180.3164,
176.9172, 304.5363

■ 0.7998, 0.4757,
5.7171

220.6709,

■ 0.0000, 0.0000,

217.5083, 363.9260

2.6078

266.6373,
263.8768, 430.5747

■ 0.0000, 0.0000,
0.8965

■ 0.0000, 0.0000,
0.0000

■ 35.5792, 33.1682,
77.1999

■ 35.5792, 33.1682,
77.1999

■ 29.2780, 25.6196,
76.0756

■ 43.1944, 42.1742,
78.5375

■ 24.2121, 19.4475,
75.1513

■ 52.1889, 52.7054,
80.0961

■ 20.3002, 14.5689,
74.4158

■ 62.6280, 64.8295,
81.8861

■ 17.4490, 10.8899,
73.8559

■ 74.5719, 78.6093,
83.9164

■ 15.5508, 8.3034,
73.4567

■ 88.0771, 94.1039,
86.1954

■ 14.4546, 6.6727,
73.1998

■ 90.8652, 98.3261,
86.8634

■ 14.3540, 6.5236,
73.1763

Harmonies

Analogous

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



29.4899, 33.1682, 79.5285



35.5792, 33.1682, 77.1999



41.1950, 33.1682, 62.1165

Triad

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



35.5792, 33.1682, 77.1999



39.6310, 33.1682, 16.2842



21.4541, 33.1682, 30.4767

Complementary

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



35.5792, 33.1682, 77.1999



60.6404, 66.7973, 34.1247

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.



23.5013, 33.1682, 18.6198



35.5792, 33.1682, 77.1999



33.6524, 33.1682, 12.3338

Square

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



35.5792, 33.1682, 77.1999



43.7326, 33.1682, 26.0767



27.7918, 33.1682, 13.0252



21.8317, 33.1682, 48.4453

Rectangle

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



35.5792, 33.1682, 77.1999



43.6714, 33.1682, 48.9178



27.7918, 33.1682, 13.0252



21.8702, 33.1682, 25.7663

Sweetspot

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



35.5804, 33.1694, 77.2007



76.8157, 78.9335, 105.7948



50.2297, 65.2728, 73.4369



16.0538, 16.4448, 22.5780



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.



35.5804, 33.1694, 77.2007



39.2117, 34.6752, 99.2340



39.6334, 32.5366, 76.8649



13.7405, 14.2024, 18.1615



8.4198, 3.9018, 42.6925



0.6730, 0.3900, 3.1718

Inverse Universe

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



46.4981, 37.0319, 33.9764



55.5509, 40.8802, 34.4508



54.9473, 68.5657, 34.7661



14.4566, 14.3998, 15.3389



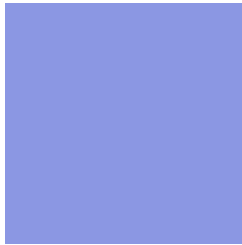
18.6435, 9.5916, 1.7515



1.4033, 0.7190, 0.2645

Previews

White Background



This preview shows how the XYZ color 35.5792, 33.1682, 77.1999 looks on a white background.

Color Contrast Check

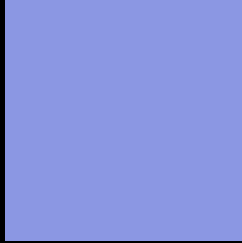
Large Text (above 18pt) WCAG AA × Fail

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 35.5792, 33.1682, 77.1999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

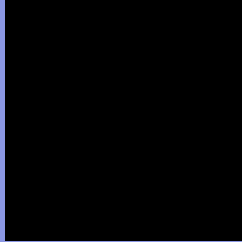
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5792, 33.1682, 77.1999

Background



This preview shows how black text looks on a background with the XYZ color 35.5792, 33.1682, 77.1999.



This preview shows how white text looks on a background with the XYZ color 35.5792, 33.1682,

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

35.5792, 33.1682, 77.1999

Protanopia

34.7400, 33.1854, 78.7032

Deuteranopia

34.0355, 33.1142, 76.5493



Tritanopia

28.9890, 32.9814, 44.8826

Trichromacy



Original Color

35.5792, 33.1682, 77.1999

Protanomaly

34.9047, 33.0445, 77.9373

Deuteranomaly

34.4788, 33.0987, 76.5230

Tritanomaly

31.0427, 32.7895, 55.1450

Monochromacy



Original Color

35.5792, 33.1682, 77.1999

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.5768, 32.9726, 48.9033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5792, 33.1682, 77.1999 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(139, 151, 227)` looks like.

```
.text, #text, p{  
    color:rgb(139, 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(139, 151, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 151, 227) }
```

Border

The CSS property to change the border of an element to XYZ 35.5792, 33.1682, 77.1999 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(139, 151, 227) }
```


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

```
.border{ border-color:rgb(139, 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(139, 151, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 151, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 151, 227);  
box-shadow:4px 4px 4px 4px rgb(139, 151,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5792, 33.1682, 77.1999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 151, 227) }
```

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

```
.background{ background-color: rgb(139,  
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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