

Converting Colors

XYZ(35.2276, 34.6109, 79.3199)

Have a look what the booklet for
XYZ(35.2276, 34.6109, 79.3199)
contains.

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Color

**XYZ(35.4119, 34.7561,
79.7051)**

Conversions

Conversions Part 1

Format	Color
Hex	809EE6
RGB	128, 158, 230
RGB Percent	50%, 62%, 90%
CMY	0.4980, 0.3804, 0.0980
CMYK	0.44, 0.31, 0.00, 0.10
HSL	222°, 67%, 70%
HSV	222°, 44%, 90%
XYZ	35.4119, 34.7561, 79.7051
YIQ	157.2380, -40.9920, 16.0320

Conversions

Conversions Part 2

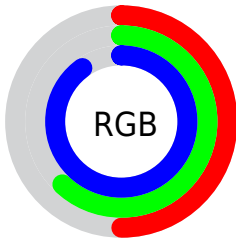
Format	Color
RYB	128, 151, 230
Decimal	8429286
CIELab	65.56, 8.24, -39.63
CIElCh	66, 40.478, 281.743
Yxy	34.7561, 0.2363, 0.2319
Android (android.graphics.Color)	4286619366 (0xFF809EE6)
YUV	157.2380, 35.8717, -25.6417
Hunter-Lab	58.9543, 4.0490, -38.8909

Details

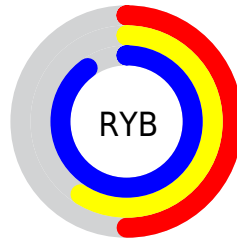
The XYZ color **35.4119, 34.7561, 79.7051** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **57.1850, 59.6917, 28.9314**, and the grayscale version is **32.0128, 33.6799, 36.6775**.

A 20% lighter version of the original color is **61.6011, 64.6213, 103.8342**, and **15.5702, 14.9491, 42.1092** is the 20% darker color. If you saturate the color by 10%, you get **29.7477, 27.9935, 78.6990**, and if you desaturate by 10%, it is **42.2285, 42.6572, 80.8715**.

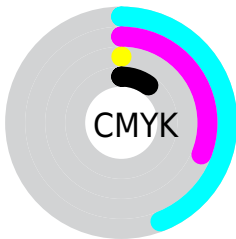
Distribution



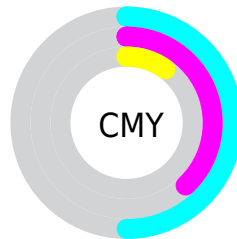
- Red (50%)
- Green (62%)
- Blue (90%)



- Red (50%)
- Yellow (59%)
- Blue (90%)



- Cyan (44%)
- Magenta (31%)
- Yellow (0%)
- Black (10%)



- Cyan (50%)
- Magenta (38%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4119, 34.7561, 79.7051 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 35.4119, 34.7561, 79.7051 by changing the saturation by 10% instead.

■ 35.4119, 34.7561,
79.7051

■ 35.4119, 34.7561,
79.7051

317.8590,
323.4905, 513.6190

■ 24.1483, 23.4751,
58.9510

■ 67.4532, 67.1078,
134.7587

■ 15.5690, 14.9447,
42.1539

■ 88.9617, 88.9472,
169.8952

■ 9.3086, 8.7806,
28.8953

■ 114.6158,
115.0748, 210.6630

■ 5.0017, 4.5983,
18.7568

144.7809,
145.8751, 257.4805

■ 2.2831, 2.0136,
11.3196

179.8225,
181.7324, 310.7663

■ 0.7860, 0.6153,
6.1654

220.1058,

■ 0.0000, 0.0000,

223.0311, 370.9390

2.8755

265.9961,
270.1557, 438.4170

■ 0.0000, 0.0000,
1.0314

■ 0.0000, 0.0000,
0.0000

■ 35.4119, 34.7561,
79.7051

■ 35.4119, 34.7561,
79.7051

■ 29.7477, 27.9935,
78.6990

■ 42.2285, 42.6572,
80.8715

■ 25.1642, 22.3094,
77.8434

■ 50.2559, 51.7449,
82.2026

■ 21.5872, 17.6437,
77.1314

■ 59.5528, 62.0691,
83.7053

■ 18.9304, 13.9276,
76.5541

■ 70.1727, 73.6756,
85.3859

■ 17.0907, 11.0821,
76.1018

■ 82.1663, 86.6076,
87.2499

■ 16.3288, 9.8047,
75.8954

■ 91.2831, 98.4932,
89.0635

Harmonies

Analogous

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



29.5871, 34.7561, 78.1363



35.4119, 34.7561, 79.7051



41.2294, 34.7561, 67.8401

Triad

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



35.4119, 34.7561, 79.7051



42.3014, 34.7561, 19.9887



23.3397, 34.7561, 28.5008

Complementary

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



35.4119, 34.7561, 79.7051



57.1850, 59.6917, 28.9314

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.



26.0047, 34.7561, 18.3215



35.4119, 34.7561, 79.7051



36.7400, 34.7561, 14.5189

Square

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



35.4119, 34.7561, 79.7051



45.5138, 34.7561, 31.5743



30.7662, 34.7561, 14.0174



23.0745, 34.7561, 44.8920

Rectangle

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



35.4119, 34.7561, 79.7051



44.1398, 34.7561, 55.5197



30.7662, 34.7561, 14.0174



23.9683, 34.7561, 24.3843

Sweetspot

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



35.4131, 34.7574, 79.7059



76.8723, 80.2140, 106.0390



47.5554, 65.3259, 64.3806



15.8551, 16.5099, 22.6010



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.



35.4131, 34.7574, 79.7059



38.2763, 36.2050, 99.5786



34.2888, 27.4864, 78.3618



13.9265, 14.5744, 18.2235



9.3365, 5.7352, 42.9981



0.7684, 0.5806, 3.2035

Inverse Universe

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



46.5250, 34.7314, 36.6006



54.2485, 37.1809, 37.3913



58.6587, 71.7960, 31.1901



14.5505, 14.4374, 15.8333



19.1062, 9.7767, 4.1880



1.4515, 0.7383, 0.5179

Previews

White Background



This preview shows how the XYZ color 35.4119, 34.7561, 79.7051 looks on a white background.

Color Contrast Check

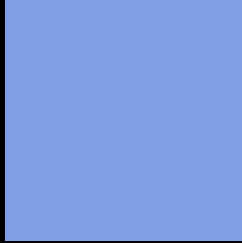
Large Text (above 18pt) WCAG AA × Fail

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 35.4119, 34.7561, 79.7051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

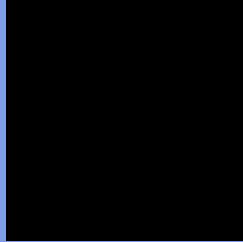
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4119, 34.7561, 79.7051

Background



This preview shows how black text looks on a background with the XYZ color 35.4119, 34.7561, 79.7051.



This preview shows how white text looks on a background with the XYZ color 35.4119, 34.7561,

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

35.4119, 34.7561, 79.7051

Protanopia

36.0230, 34.5850, 78.9057

Deuteranopia

35.5458, 34.5729, 79.6627



Tritanopia

29.2826, 34.9189, 48.9127

Trichromacy



Original Color

35.4119, 34.7561, 79.7051

Protanomaly

35.7155, 34.6766, 78.9396

Deuteranomaly

35.3932, 34.4942, 79.6555

Tritanomaly

31.1920, 34.5964, 59.0666

Monochromacy



Original Color

35.4119, 34.7561, 79.7051

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.5628, 33.6856, 50.1331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4119, 34.7561, 79.7051 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(128, 158, 230)` looks like.

```
.text, #text, p{  
    color:rgb(128, 158, 230)  
}
```

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(128, 158, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 158, 230) }
```

Border

The CSS property to change the border of an element to XYZ 35.4119, 34.7561, 79.7051 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(128, 158, 230) }
```


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

```
.border{ border-color:rgb(128, 158, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 158, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 158, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 158, 230); box-shadow:4px 4px 4px 4px rgb(128, 158, 230) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4119, 34.7561, 79.7051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 158, 230) }
```

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

```
.background{ background-color: rgb(128,  
158, 230) }
```

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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