

Converting Colors

XYZ(35.5977, 41.3310, 79.7527)

Have a look what the booklet for
XYZ(35.5977, 41.3310, 79.7527)
contains.

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Color

**XYZ(35.4572, 41.1906,
79.4806)**

Conversions

Conversions Part 1

Format	Color
Hex	61B5E4
RGB	97, 181, 228
RGB Percent	38%, 71%, 89%
CMY	0.6196, 0.2902, 0.1059
CMYK	0.57, 0.21, 0.00, 0.11
HSL	202°, 71%, 64%
HSV	202°, 57%, 89%
XYZ	35.4572, 41.1906, 79.4806
YIQ	161.2420, -65.1510, -3.1910

Conversions

Conversions Part 2

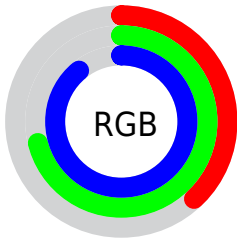
Format	Color
R _Y B	97, 148, 228
Decimal	6403556
CIE Lab	70.31, -12.09, -31.27
CIE LCh	70, 33.525, 248.867
Yxy	41.1906, 0.2271, 0.2638
Android (android.graphics.Color)	4284593636 (0xFF61B5E4)
YUV	161.2420, 32.9117, -56.3402
Hunter-Lab	64.1799, -13.6997, -28.4990

Details

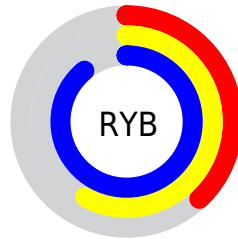
The XYZ color **35.4572, 41.1906, 79.4806** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **44.1271, 37.3052, 16.1856**, and the grayscale version is **33.8636, 35.6271, 38.7979**.

A 20% lighter version of the original color is **62.0445, 74.8563, 105.7864**, and **15.5189, 18.5991, 41.8018** is the 20% darker color. If you saturate the color by 10%, you get **31.7532, 36.8847, 78.8455**, and if you desaturate by 10%, it is **39.9596, 46.0547, 80.1829**.

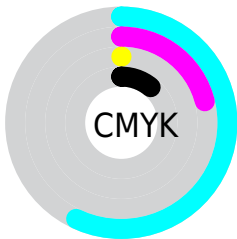
Distribution



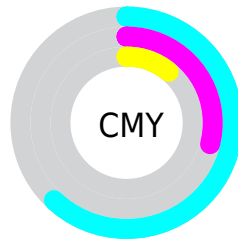
- Red (38%)
- Green (71%)
- Blue (89%)



- Red (38%)
- Yellow (58%)
- Blue (89%)



- Cyan (57%)
- Magenta (21%)
- Yellow (0%)
- Black (11%)



- Cyan (62%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4572, 41.1906, 79.4806 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 35.4572, 41.1906, 79.4806 by changing the saturation by 10% instead.

■ 35.4572, 41.1906,
79.4806

■ 35.4572, 41.1906,
79.4806

318.0546,
351.1166, 512.8412

■ 24.1834, 28.4680,
58.7674

■ 67.5228, 76.9731,
134.4400

■ 15.5952, 18.6788,
42.0071

■ 89.0454, 100.8019,
169.5233

■ 9.3272, 11.4384,
28.7812

■ 114.7149,
129.1016, 210.2337

■ 5.0140, 6.3625,
18.6712

■ 144.8967,
162.2565, 256.9898

■ 2.2903, 3.0667,
11.2586

179.9563,
200.6510, 310.2100

■ 0.7897, 1.1667,
6.1247

220.2589,

■ 0.0000, 0.0342,

244.6697, 370.3130

2.8510

266.1699,
294.6967, 437.7172

■ 0.0000, 0.0000,
1.0191

■ 0.0000, 0.0000,
0.0000

■ 35.4572, 41.1906,
79.4806

■ 35.4572, 41.1906,
79.4806

■ 31.7532, 36.8847,
78.8455

■ 39.9596, 46.0547,
80.1829

■ 28.7802, 33.0973,
78.2711

■ 45.3122, 51.5037,
80.9526

■ 26.4655, 29.7894,
77.7546

■ 51.5670, 57.5676,
81.7934

■ 24.7106, 26.9073,
77.2908

■ 58.7703, 64.2724,
82.7079

■ 24.3133, 26.2207,
77.1792

■ 66.9653, 71.6428,
83.6986

■ 76.1922, 79.7016,
84.7678

■ 85.8953, 88.1645,
85.8899

■ 88.3349, 93.0437,
86.7031

■ 90.8841, 98.1422,
87.5528

Harmonies

Analogous

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



31.4743, 41.1906, 66.6869



35.4572, 41.1906, 79.4806



40.8047, 41.1906, 81.9607

Triad

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



35.4572, 41.1906, 79.4806



50.5668, 41.1906, 40.3374



32.8772, 41.1906, 25.1463

Complementary

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



35.4572, 41.1906, 79.4806



44.1271, 37.3052, 16.1856

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.



37.5415, 41.1906, 21.0718



35.4572, 41.1906, 79.4806



47.9829, 41.1906, 28.3905

Square

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



35.4572, 41.1906, 79.4806



49.8758, 41.1906, 56.6896



43.0916, 41.1906, 22.1011



30.0847, 41.1906, 34.7848

Rectangle

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



35.4572, 41.1906, 79.4806



44.4858, 41.1906, 76.9767



43.0916, 41.1906, 22.1011



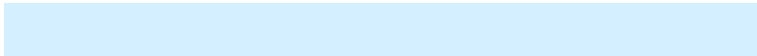
34.2597, 41.1906, 23.1969

Sweetspot

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



35.4586, 41.1921, 79.4816



76.0981, 83.1601, 106.6485



37.6210, 60.0079, 35.5286



15.8628, 17.4099, 22.7743



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.



35.4586, 41.1921, 79.4816



40.1003, 46.5279, 101.4750



25.2553, 20.7856, 76.0805



14.3497, 15.4209, 18.3645



14.1553, 15.3727, 44.6043



1.1332, 1.3103, 3.3252

Inverse Universe

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



44.6113, 28.3810, 46.8444



53.5399, 30.6593, 52.8913



56.7950, 62.6409, 20.4082



14.7641, 14.5228, 16.9582



21.5384, 10.7496, 16.9963



1.6356, 0.8120, 1.4876

Previews

White Background



This preview shows how the XYZ color 35.4572, 41.1906, 79.4806 looks on a white background.

Color Contrast Check

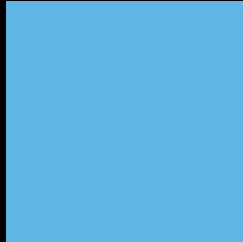
Large Text (above 18pt) WCAG AA × Fail

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 35.4572, 41.1906, 79.4806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

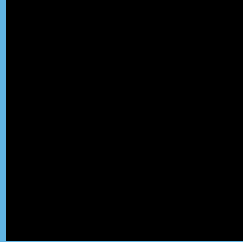
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4572, 41.1906, 79.4806

Background



This preview shows how black text looks on a background with the XYZ color 35.4572, 41.1906, 79.4806.

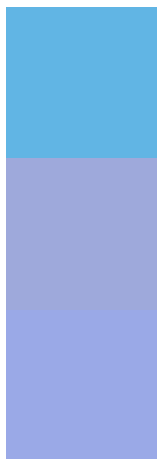


This preview shows how white text looks on a background with the XYZ color 35.4572, 41.1906,

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

35.4572, 41.1906, 79.4806

Protanopia

41.0747, 40.7595, 72.7203

Deuteranopia

41.9382, 41.0155, 81.3077



Tritanopia

31.9393, 41.3133, 61.5492

Trichromacy



Original Color

35.4572, 41.1906, 79.4806

Protanomaly

38.2817, 40.3953, 74.8867

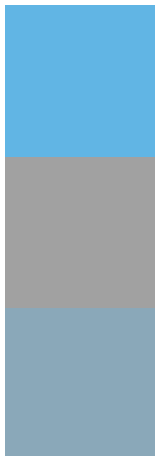
Deuteranomaly

38.8994, 40.5869, 80.6467

Tritanomaly

33.1148, 41.1578, 67.8269

Monochromacy



Original Color

35.4572, 41.1906, 79.4806

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.2408, 36.9113, 51.2716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4572, 41.1906, 79.4806 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(97, 181, 228)` looks like.

```
.text, #text, p{  
    color:rgb(97, 181, 228)  
}
```

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(97, 181, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 181, 228) }
```

Border

The CSS property to change the border of an element to XYZ 35.4572, 41.1906, 79.4806 is called "border". The border property can be set on classes, ids or directly on the HTML element.

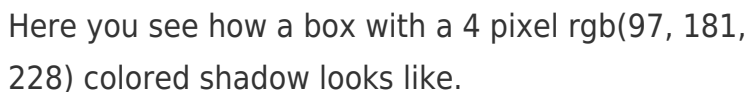
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(97, 181, 228) }
```


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

```
.border{ border-color:rgb(97, 181, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(97, 181, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(97, 181, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(97, 181, 228); box-shadow:4px 4px 4px 4px rgb(97, 181, 228) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4572, 41.1906, 79.4806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 181, 228) }
```

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

```
.background{ background-color: rgb(97, 181,  
228) }
```

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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