

Converting Colors

XYZ(57.3818, 76.4019,
106.3304)

Have a look what the booklet for
XYZ(57.3818, 76.4019, 106.3304)
contains.

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Color

**XYZ(57.4362, 76.4465,
106.3362)**

Conversions

Conversions Part 1

Format	Color
Hex	6EF6FF
RGB	110, 246, 255
RGB Percent	43%, 96%, 100%
CMY	0.5686, 0.0353, 0.0000
CMYK	0.57, 0.04, 0.00, 0.00
HSL	184°, 100%, 72%
HSV	184°, 57%, 100%
XYZ	57.4362, 76.4465, 106.3362
YIQ	206.3620, -83.9450, -26.0330

Conversions

Conversions Part 2

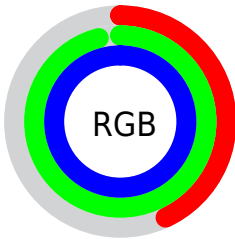
Format	Color
RYB	110, 180, 255
Decimal	7272191
CIELab	90.07, -34.46, -15.56
CIElCh	90, 37.810, 204.293
Yxy	76.4465, 0.2391, 0.3182
Android (android.graphics.Color)	4285462271 (0xFF6EF6FF)
YUV	206.3620, 23.9785, -84.5095
Hunter-Lab	87.4337, -35.7502, -10.9045

Details

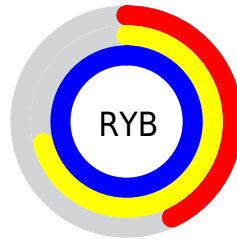
The XYZ color **57.4362, 76.4465, 106.3362** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **50.6522, 35.5805, 18.9521**, and the grayscale version is **58.7900, 61.8517, 67.3565**.

A 20% lighter version of the original color is **71.0436, 87.6242, 107.7765**, and **28.8973, 40.7336, 59.7654** is the 20% darker color. If you saturate the color by 10%, you get **54.2294, 74.0837, 106.0491**, and if you desaturate by 10%, it is **61.5638, 79.2936, 106.6682**.

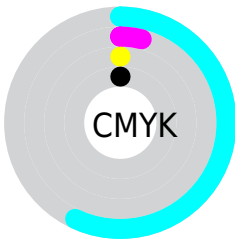
Distribution



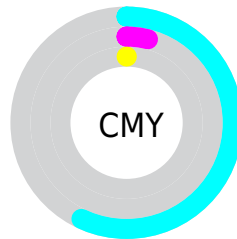
- Red (43%)
- Green (96%)
- Blue (100%)



- Red (43%)
- Yellow (71%)
- Blue (100%)



- Cyan (57%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4362, 76.4465, 106.3362 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 57.4362, 76.4465, 106.3362 by changing the saturation by 10% instead.

57.4362, 76.4465,
106.3362

57.4362, 76.4465,
106.3362

405.0696,
482.8748, 601.7410

41.5971, 56.7987,
80.9563

100.2291,
128.3579, 171.9652

28.9756, 40.8437,
59.9749

127.9135,
161.3902, 213.0514

19.2066, 28.1969,
42.9732

160.2771,
199.6529, 260.2102

11.9245, 18.4742,
29.5328

197.6852,
243.5303, 313.8601

6.7641, 11.2909,
19.2352

240.5031,
293.4068, 374.4195

3.3601, 6.2629,
11.6618

289.0963,

1.3469, 3.0056,

349.6667, 442.3071

6.3941

343.8300,
412.6946, 517.9415

■ 0.2179, 1.1346,
3.0135

■ 0.0000, 0.0073,
1.1016

■ 57.4362, 76.4465,
106.3362

■ 57.4362, 76.4465,
106.3362

■ 54.2294, 74.0837,
106.0491

■ 61.5638, 79.2936,
106.6682

■ 51.8566, 72.1551,
105.8019

■ 66.6772, 82.6532,
107.0471

■ 50.2251, 70.6147,
105.5906

■ 72.8425, 86.5613,
107.4765

■ 49.2147, 69.4007,
105.4095

■ 80.1185, 91.0480,
107.9591

■ 48.9687, 69.0574,
105.3562

■ 88.5595, 96.1415,
108.4973

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



56.1575, 76.4465, 78.2081



57.4362, 76.4465, 106.3362



62.6382, 76.4465, 132.5942

Triad

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



57.4362, 76.4465, 106.3362



88.3040, 76.4465, 117.1529



74.4675, 76.4465, 41.7077

Complementary

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



57.4362, 76.4465, 106.3362



50.6522, 35.5805, 18.9521

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.



83.6978, 76.4465, 47.9577



57.4362, 76.4465, 106.3362



92.1152, 76.4465, 88.4775

Square

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



57.4362, 76.4465, 106.3362



80.3320, 76.4465, 139.7207



90.3612, 76.4465, 63.7519



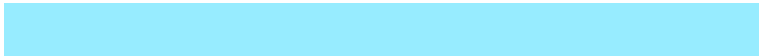
65.4929, 76.4465, 44.4901

Rectangle

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



57.4362, 76.4465, 106.3362



67.8882, 76.4465, 143.4883



90.3612, 76.4465, 63.7519



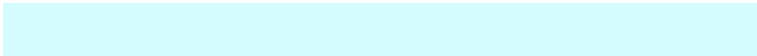
77.6505, 76.4465, 42.7714

Sweetspot

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



57.4383, 76.4493, 106.3366



80.0085, 90.9809, 107.9519



45.4174, 76.1259, 29.2091



16.7933, 19.2709, 23.0845



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.



57.4383, 76.4493, 106.3366



53.9183, 73.8425, 106.0190



39.8609, 41.2945, 100.4775



18.4527, 20.2769, 23.1912



25.6286, 36.1668, 55.0647



2.5234, 3.5776, 5.3708

Inverse Universe

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



63.4519, 39.0676, 91.3883



60.5930, 33.7807, 89.1068



62.4150, 59.1062, 22.8730



18.7411, 18.2798, 22.5199



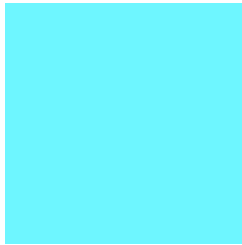
29.7243, 14.3790, 44.0603



2.9083, 1.4057, 4.3646

Previews

White Background



This preview shows how the XYZ color 57.4362, 76.4465, 106.3362 looks on a white background.

Color Contrast Check

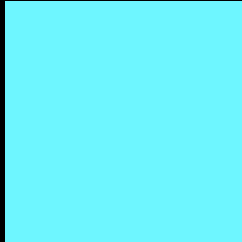
Large Text (above 18pt) WCAG AA × Fail

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 57.4362, 76.4465, 106.3362 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 57.4362, 76.4465, 106.3362

Background



This preview shows how black text looks on a background with the XYZ color 57.4362, 76.4465, 106.3362.

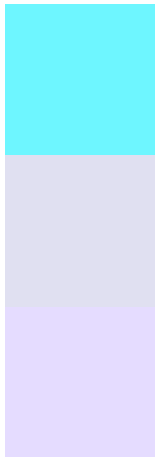


This preview shows how white text looks on a background with the XYZ color 57.4362, 76.4465,

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

57.4362, 76.4465, 106.3362

Protanopia

73.2733, 75.5095, 93.9320

Deuteranopia

75.9563, 75.0644, 105.0933



Tritanopia

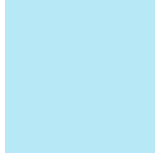
62.1590, 76.2156, 106.0427

Trichromacy



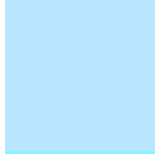
Original Color

57.4362, 76.4465, 106.3362



Protanomaly

65.0196, 74.4343, 98.1291



Deuteranomaly

66.3190, 73.6977, 105.3374



Tritanomaly

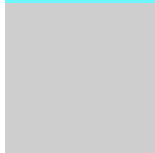
60.1187, 76.0426, 106.1168

Monochromacy



Original Color

57.4362, 76.4465, 106.3362



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

56.1056, 65.7526, 80.2555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4362, 76.4465, 106.3362 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(110, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(110, 246, 255)  
}
```

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(110, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 246, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.4362, 76.4465, 106.3362 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(110, 246, 255) }
```


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

```
.border{ border-color:rgb(110, 246, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(110, 246,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4362, 76.4465, 106.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 246, 255) }
```

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

```
.background{ background-color: rgb(110,  
246, 255) }
```

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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