

Converting Colors

XYZ(60.3549, 77.2480, 92.5135)

Have a look what the booklet for
XYZ(60.3549, 77.2480, 92.5135)
contains.

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Color

**XYZ(60.3610, 77.3584,
92.6392)**

Conversions

Conversions Part 1

Format	Color
Hex	96F4EE
RGB	150, 244, 238
RGB Percent	59%, 96%, 93%
CMY	0.4117, 0.0431, 0.0667
CMYK	0.39, 0.00, 0.02, 0.04
HSL	176°, 81%, 77%
HSV	176°, 39%, 96%
XYZ	60.3610, 77.3584, 92.6392
YIQ	215.2100, -54.0980, -21.7940

Conversions

Conversions Part 2

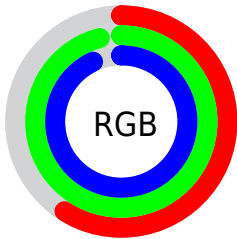
Format	Color
R _Y B	150, 199, 244
Decimal	9893102
CIE Lab	90.49, -29.22, -5.92
CIE LCh	90, 29.809, 191.449
Yxy	77.3584, 0.2620, 0.3358
Android (android.graphics.Color)	4288083182 (0xFF96F4EE)
YUV	215.2100, 11.2355, -57.1892
Hunter-Lab	87.9536, -31.4175, -0.8810

Details

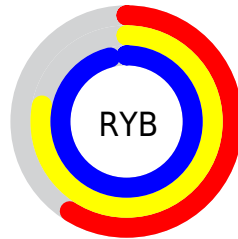
The XYZ color **60.3610, 77.3584, 92.6392** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **54.2180, 43.4484, 36.9843**, and the grayscale version is **64.6880, 68.0568, 74.1138**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **30.7280, 41.2452, 50.5976** is the 20% darker color. If you saturate the color by 10%, you get **56.1027, 75.1914, 91.2516**, and if you desaturate by 10%, it is **65.5606, 80.0142, 94.0845**.

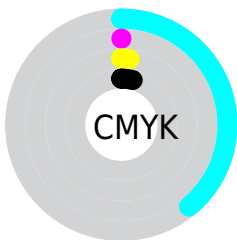
Distribution



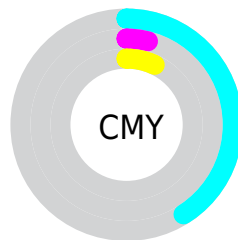
- Red (59%)
- Green (96%)
- Blue (93%)



- Red (59%)
- Yellow (78%)
- Blue (96%)



- Cyan (39%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (41%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3610, 77.3584, 92.6392 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 60.3610, 77.3584, 92.6392 by changing the saturation by 10% instead.

60.3610, 77.3584,
92.6392

60.3610, 77.3584,
92.6392

415.7406,
485.9851, 557.3693

43.9602, 57.5471,
69.5857

104.4565,
129.6453, 152.9664

30.8370, 41.4446,
50.7141

132.8820,
162.8896, 191.0771

20.6260, 28.6667,
35.6060

166.0465,
201.3804, 235.0440

12.9618, 18.8288,
23.8428

204.3152,
245.5021, 285.2855

7.4791, 11.5466,
15.0059

248.0537,
295.6390, 342.2203

3.8124, 6.4358,
8.6769

297.6272,

1.5966, 3.1118,

352.1755, 406.2668

4.4371

353.4010,
415.4961, 477.8436

■ 0.3902, 1.1904,
1.8681

■ 0.0000, 0.0538,
0.4723

■ 60.3610, 77.3584,
92.6392

■ 60.3610, 77.3584,
92.6392

■ 56.1027, 75.1914,
91.2516

■ 65.5606, 80.0142,
94.0845

■ 52.7204, 73.4739,
89.9137

■ 71.7482, 83.1773,
95.5848

■ 50.1514, 72.1754,
88.6242

■ 78.9755, 86.8760,
97.1441

■ 48.3216, 71.2578,
87.3795

■ 87.2885, 91.1343,
98.7646

■ 47.1435, 70.6758,
86.1755

■ 90.1946, 92.6050,
100.1425

■ 46.4915, 70.3649,
85.0063

■ 90.4346, 92.7009,
101.4061

■ 46.4143, 70.3288,
84.8355

■ 90.6766, 92.7977,
102.6804

■ 90.9206, 92.8953,
103.9652

■ 91.1666, 92.9937,
105.2607

Harmonies

Analogous

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



60.7646, 77.3584, 71.8399



60.3610, 77.3584, 92.6392



63.3033, 77.3584, 114.4119

Triad

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



60.3610, 77.3584, 92.6392



83.4233, 77.3584, 118.8765



78.1794, 77.3584, 51.0142

Complementary

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



60.3610, 77.3584, 92.6392



54.2180, 43.4484, 36.9843

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.



84.7958, 77.3584, 59.8861



60.3610, 77.3584, 92.6392



87.9615, 77.3584, 97.9689

Square

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



60.3610, 77.3584, 92.6392



76.4072, 77.3584, 131.1797



88.4801, 77.3584, 76.3460



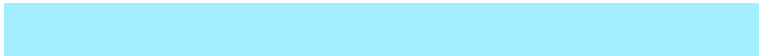
70.7198, 77.3584, 50.0784

Rectangle

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



60.3610, 77.3584, 92.6392



66.8903, 77.3584, 125.6525



88.4801, 77.3584, 76.3460



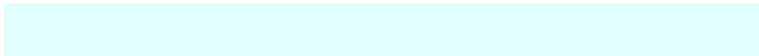
80.5884, 77.3584, 53.0872

Sweetspot

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



60.3633, 77.3615, 92.6410



84.3615, 94.5261, 106.7660



51.6201, 74.0010, 40.4189



17.8302, 20.1165, 22.8038



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.



60.3633, 77.3615, 92.6410



63.0589, 83.6446, 101.2301



50.3282, 55.8563, 93.7200



16.9483, 18.7385, 21.0122



25.2562, 38.2473, 46.2303



2.2333, 3.3670, 4.1347

Inverse Universe

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



54.2180, 43.4484, 36.9843



55.4110, 41.4012, 31.9358



61.3887, 58.5832, 36.9281



16.5420, 16.4997, 17.3350



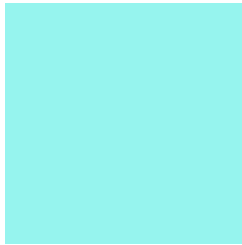
20.3518, 10.4842, 1.2952



1.8035, 0.9274, 0.1915

Previews

White Background



This preview shows how the XYZ color 60.3610, 77.3584, 92.6392 looks on a white background.

Color Contrast Check

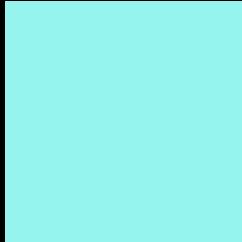
Large Text (above 18pt) WCAG AA × Fail

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 60.3610, 77.3584, 92.6392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

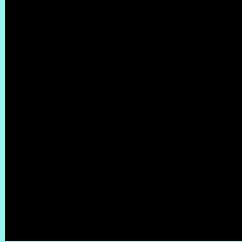
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3610, 77.3584, 92.6392

Background



This preview shows how black text looks on a background with the XYZ color 60.3610, 77.3584, 92.6392.

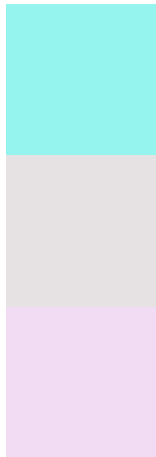


This preview shows how white text looks on a background with the XYZ color 60.3610, 77.3584,

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

60.3610, 77.3584, 92.6392

Protanopia

73.4235, 76.2195, 83.5150

Deuteranopia

78.0465, 76.3582, 95.4191



Tritanopia

65.2021, 76.9151, 106.0173

Trichromacy



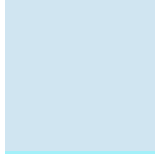
Original Color

60.3610, 77.3584, 92.6392



Protanomaly

67.3678, 75.9003, 86.7009



Deuteranomaly

69.9089, 75.7994, 94.1652



Tritanomaly

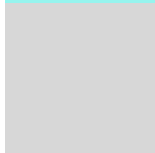
63.3632, 76.9463, 101.1350

Monochromacy



Original Color

60.3610, 77.3584, 92.6392



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.0015, 70.7968, 80.2094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3610, 77.3584, 92.6392 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(150, 244, 238)` looks like.

```
.text, #text, p{  
    color:rgb(150, 244, 238)  
}
```

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(150, 244, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 244, 238) }
```

Border

The CSS property to change the border of an element to XYZ 60.3610, 77.3584, 92.6392 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(150, 244, 238) }
```


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

```
.border{ border-color:rgb(150, 244, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 244, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 244, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 244, 238);  
box-shadow:4px 4px 4px 4px rgb(150, 244,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3610, 77.3584, 92.6392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 244, 238) }
```

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

```
.background{ background-color: rgb(150,  
244, 238) }
```

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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