

Converting Colors

XYZ(60.4562, 75.6864, 78.2845)

Have a look what the booklet for
XYZ(60.4562, 75.6864, 78.2845)
contains.

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Color

**XYZ(60.4473, 75.5054,
78.4059)**

Conversions

Conversions Part 1

Format	Color
Hex	ABEFDB
RGB	171, 239, 219
RGB Percent	67%, 94%, 86%
CMY	0.3294, 0.0627, 0.1412
CMYK	0.28, 0.00, 0.08, 0.06
HSL	162°, 68%, 80%
HSV	162°, 28%, 94%
XYZ	60.4473, 75.5054, 78.4059
YIQ	216.3880, -34.1080, -20.6360

Conversions

Conversions Part 2

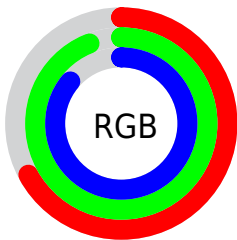
Format	Color
RYB	171, 211, 239
Decimal	11268059
CIELab	89.63, -25.32, 2.86
CIELCh	90, 25.478, 173.565
Yxy	75.5054, 0.2820, 0.3522
Android (android.graphics.Color)	4289458139 (0xFFABEFDB)
YUV	216.3880, 1.2877, -39.8053
Hunter-Lab	86.8938, -27.8915, 7.3272

Details

The XYZ color **60.4473, 75.5054, 78.4059** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.5662, 51.2402, 56.0443**, and the grayscale version is **65.5447, 68.9581, 75.0954**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **30.9704, 40.3292, 41.2740** is the 20% darker color. If you saturate the color by 10%, you get **54.7989, 72.7002, 73.4128**, and if you desaturate by 10%, it is **67.0804, 78.8176, 83.6524**.

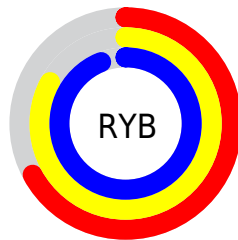
Distribution



Red (67%)

Green (94%)

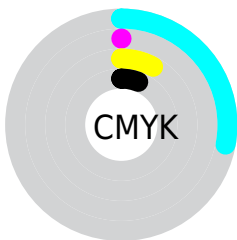
Blue (86%)



Red (67%)

Yellow (83%)

Blue (94%)

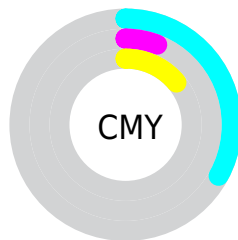


Cyan (28%)

Magenta (0%)

Yellow (8%)

Black (6%)



Cyan (33%)

Magenta (6%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4473, 75.5054, 78.4059 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 60.4473, 75.5054, 78.4059 by changing the saturation by 10% instead.


 60.4473, 75.5054,
78.4059

 60.4473, 75.5054,
78.4059


416.0529,
479.6529, 509.1086

 44.0301, 56.0270,
57.8890


 104.5809,
127.0275, 132.9132

 30.8922, 40.2246,
41.3053


133.0281,
159.8401, 167.7408

 20.6682, 27.7137,
28.2363


166.2159,
197.8661, 208.1756

 12.9928, 18.1100,
18.2632

204.5098,
241.4901, 254.6364

 7.5005, 11.0290,
10.9677

248.2751,
291.0963, 307.5415

 3.8261, 6.0863,
5.9313

297.8771,

 1.6043, 2.8976,

347.0693, 367.3095

2.7352

353.6813,
409.7934, 434.3591

■ 0.3952, 1.0785,
0.9611

■ 0.0000, 0.0000,
0.0000

■ 60.4473, 75.5054,
78.4059

■ 60.4473, 75.5054,
78.4059

■ 54.7989, 72.7002,
73.4128

■ 67.0804, 78.8176,
83.6524

■ 50.0774, 70.3665,
68.6630

■ 74.7391, 82.6521,
89.1518

■ 46.2292, 68.4784,
64.1532

■ 83.4699, 87.0346,
94.9104

■ 43.1918, 67.0041,
59.8778

■ 88.9154, 89.7187,
100.7265

■ 40.8944, 65.9070,
55.8310

■ 90.0218, 90.1613,
106.5531

■ 39.2537, 65.1441,
52.0060

■ 90.1578, 90.2157,
107.2693

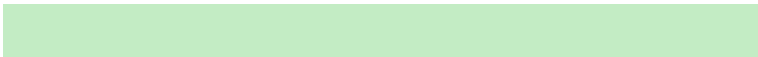
■ 38.1499, 64.6539,
48.3945

■ 38.0012, 64.5891,
47.8532

Harmonies

Analogous

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



62.5028, 75.5054, 63.3761



60.4473, 75.5054, 78.4059



61.2795, 75.5054, 96.7925

Triad

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



60.4473, 75.5054, 78.4059



76.6907, 75.5054, 118.0672



79.1612, 75.5054, 57.4606

Complementary

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



60.4473, 75.5054, 78.4059



59.5662, 51.2402, 56.0443

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.



83.3846, 75.5054, 69.1755



60.4473, 75.5054, 78.4059



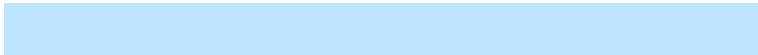
81.9012, 75.5054, 104.4541

Square

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



60.4473, 75.5054, 78.4059



70.4238, 75.5054, 121.4856



84.4153, 75.5054, 86.1404



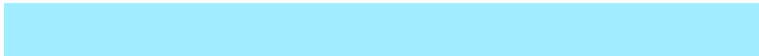
73.1243, 75.5054, 52.4719

Rectangle

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



60.4473, 75.5054, 78.4059



63.3852, 75.5054, 108.3577



84.4153, 75.5054, 86.1404



80.8539, 75.5054, 60.6525

Sweetspot

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



60.4494, 75.5085, 78.4076



86.0369, 95.4770, 102.9041



59.8062, 75.8048, 50.0091



18.1241, 20.2900, 21.8232



0.0000, 0.0000, 0.0000



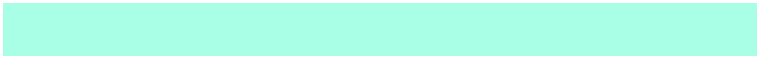
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.4494, 75.5085, 78.4076



66.1848, 85.5628, 87.5201



59.4105, 68.9597, 91.8442



16.0377, 17.8451, 19.2213



21.0596, 35.7158, 26.7603



1.7952, 2.9885, 2.4541

Inverse Universe

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



59.5662, 51.2402, 56.0443



65.0136, 53.2624, 57.7770



60.2151, 55.8240, 46.1308



15.9641, 15.8353, 17.3670



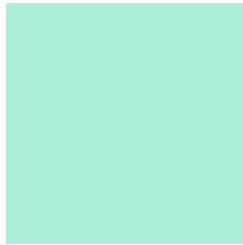
20.3375, 10.4074, 4.4277



1.7338, 0.8826, 0.5891

Previews

White Background



This preview shows how the XYZ color 60.4473, 75.5054, 78.4059 looks on a white background.

Color Contrast Check

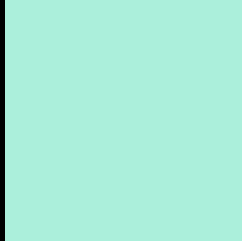
Large Text (above 18pt) WCAG AA × Fail

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 60.4473, 75.5054, 78.4059 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

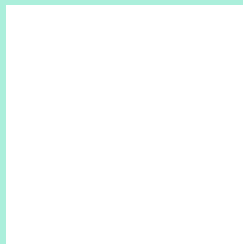
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4473, 75.5054, 78.4059

Background



This preview shows how black text looks on a background with the XYZ color 60.4473, 75.5054, 78.4059.

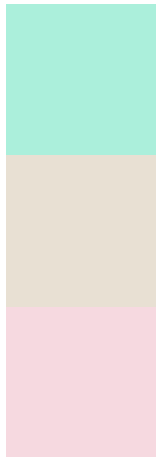


This preview shows how white text looks on a background with the XYZ color 60.4473, 75.5054,

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

60.4473, 75.5054, 78.4059

Protanopia

71.6922, 75.1703, 72.3587

Deuteranopia

76.2734, 74.6004, 80.9003



Tritanopia

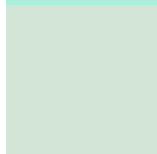
65.5125, 75.4025, 104.0298

Trichromacy



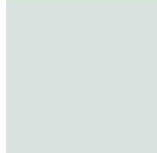
Original Color

60.4473, 75.5054, 78.4059



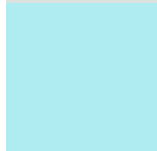
Protanomaly

66.7353, 74.5953, 74.4993



Deuteranomaly

69.3234, 74.1844, 79.7725



Tritanomaly

63.5518, 75.4557, 94.4340

Monochromacy



Original Color

60.4473, 75.5054, 78.4059



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

62.9995, 70.6004, 75.9525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4473, 75.5054, 78.4059 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(171, 239, 219)` looks like.

```
.text, #text, p{  
    color:rgb(171, 239, 219)  
}
```

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(171, 239, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 239, 219) }
```

Border

The CSS property to change the border of an element to XYZ 60.4473, 75.5054, 78.4059 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(171, 239, 219) }
```


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

```
.border{ border-color:rgb(171, 239, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 239, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 239, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 239, 219);  
box-shadow:4px 4px 4px 4px rgb(171, 239,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4473, 75.5054, 78.4059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 239, 219) }
```

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

```
.background{ background-color: rgb(171,  
239, 219) }
```

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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