

Converting Colors

XYZ(60.4405, 75.9225, 79.1791)

Have a look what the booklet for
XYZ(60.4405, 75.9225, 79.1791)
contains.

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Color

**XYZ(60.4405, 75.9225,
79.1791)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A9F0DC |
| RGB | 169, 240, 220 |
| RGB Percent | 66%, 94%, 86% |
| CMY | 0.3372, 0.0588, 0.1372 |
| CMYK | 0.30, 0.00, 0.08, 0.06 |
| HSL | 163°, 70%, 80% |
| HSV | 163°, 30%, 94% |
| XYZ | 60.4405, 75.9225, 79.1791 |
| YIQ | 216.4910, -35.8960, -21.2720 |

Conversions

Conversions Part 2

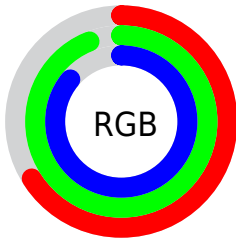
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 169, 210, 240 |
| Decimal | 11137244 |
| CIELab | 89.82, -26.17, 2.60 |
| CIElCh | 90, 26.299, 174.320 |
| Yxy | 75.9225, 0.2804, 0.3522 |
| Android (android.graphics.Color) | 4289327324 (0xFFA9F0DC) |
| YUV | 216.4910, 1.7299, -41.6496 |
| Hunter-Lab | 87.1335, -28.6664, 7.1160 |

Details

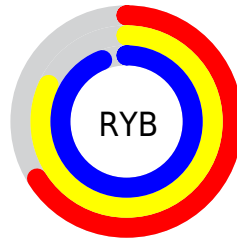
The XYZ color **60.4405, 75.9225, 79.1791** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.3110, 50.5772, 54.7834**, and the grayscale version is **65.6129, 69.0299, 75.1736**.

A 20% lighter version of the original color is **85.1740, 94.9088, 108.4378**, and **31.0023, 40.6424, 41.8081** is the 20% darker color. If you saturate the color by 10%, you get **54.8796, 73.1591, 74.3395**, and if you desaturate by 10%, it is **66.9869, 79.1937, 84.2572**.

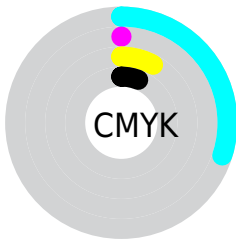
Distribution



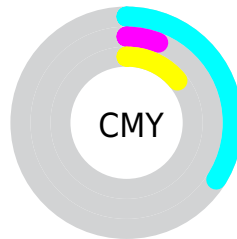
- Red (66%)
- Green (94%)
- Blue (86%)



- Red (66%)
- Yellow (82%)
- Blue (94%)



- Cyan (30%)
- Magenta (0%)
- Yellow (8%)
- Black (6%)



- Cyan (34%)
- Magenta (6%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4405, 75.9225, 79.1791 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 60.4405, 75.9225, 79.1791 by changing the saturation by 10% instead.

60.4405, 75.9225,
79.1791

60.4405, 75.9225,
79.1791

416.0283,
481.0824, 511.7956

44.0246, 56.3690,
58.5209

104.5711,
127.6174, 134.0119

30.8878, 40.4988,
41.8101

133.0166,
160.5275, 169.0236

20.6649, 27.9277,
28.6282

166.2025,
198.6585, 209.6569

12.9903, 18.2712,
18.5566

204.4944,
242.3950, 256.3302

7.4988, 11.1448,
11.1767

248.2576,
292.1212, 309.4623

3.8251, 6.1643,
6.0702

297.8574,

1.6036, 2.9453,

348.2216, 369.4715

2.8183

353.6592,
411.0805, 436.7764

■ 0.3948, 1.1032,
1.0026

■ 0.0000, 0.0000,
0.0000

■ 60.4405, 75.9225,
79.1791

■ 60.4405, 75.9225,
79.1791

■ 54.8796, 73.1591,
74.3395

■ 66.9869, 79.1937,
84.2572

■ 50.2457, 70.8675,
69.7286


■ 74.5608, 82.9884,
89.5729


■ 46.4836, 69.0213,
65.3431


■ 83.2091, 87.3326,
95.1324


■ 43.5299, 67.5877,
61.1778

■ 89.1973, 90.3013,
100.7629


 41.3117, 66.5293,
57.2270

 90.2603, 90.7265,
106.3604

 39.7429, 65.8018,
53.4842

 90.4515, 90.8029,
107.3672

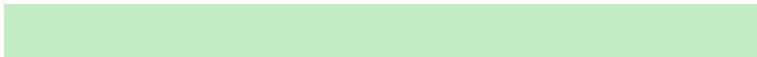
 38.6851, 65.3338,
49.9406

 38.6454, 65.3165,
49.7970

Harmonies

Analogous

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



62.4906, 75.9225, 63.5208



60.4405, 75.9225, 79.1791



61.3750, 75.9225, 98.2798

Triad

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



60.4405, 75.9225, 79.1791



77.4255, 75.9225, 119.7074



79.6897, 75.9225, 56.8969

Complementary

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



60.4405, 75.9225, 79.1791



59.3110, 50.5772, 54.7834

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.



84.1443, 75.9225, 68.8014



60.4405, 75.9225, 79.1791



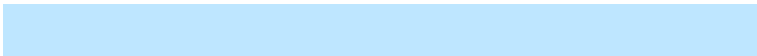
82.7832, 75.9225, 105.3183

Square

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



60.4405, 75.9225, 79.1791



70.9338, 75.9225, 123.5843



85.3088, 75.9225, 86.2552



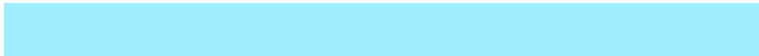
73.4044, 75.9225, 51.9534

Rectangle

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



60.4405, 75.9225, 79.1791



63.5953, 75.9225, 110.2416



85.3088, 75.9225, 86.2552



81.4656, 75.9225, 60.1222

Sweetspot

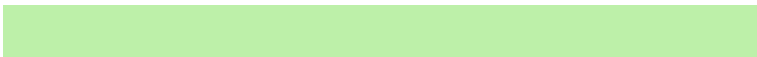
The Sweet Spot groups the original color and five complimentary colors.



60.4426, 75.9256, 79.1808



86.0813, 95.4947, 103.1377



59.3391, 76.0217, 49.0834



18.1351, 20.2944, 21.8809



0.0000, 0.0000, 0.0000



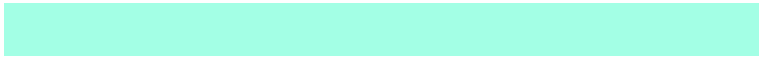
20.3446, 21.4041, 23.3091

Same Dimension

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



60.4426, 75.9256, 79.1808



65.0674, 84.9925, 87.2056



58.9144, 68.3725, 92.5338



16.0464, 17.8486, 19.2672



21.2139, 35.7776, 27.5730



1.8071, 2.9933, 2.5164

Inverse Universe

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



59.3110, 50.5772, 54.7834



63.5648, 51.2023, 54.7122



60.3192, 55.8324, 45.1348



15.9558, 15.8320, 17.3236



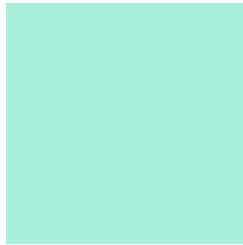
20.2851, 10.3865, 4.1520



1.7286, 0.8805, 0.5614

Previews

White Background



This preview shows how the XYZ color 60.4405, 75.9225, 79.1791 looks on a white background.

Color Contrast Check

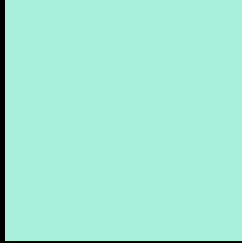
Large Text (above 18pt) WCAG AA × Fail

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 60.4405, 75.9225, 79.1791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

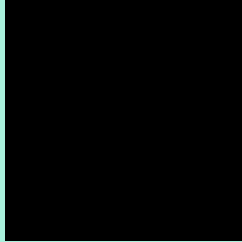
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

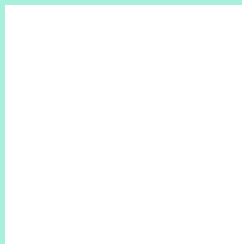
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4405, 75.9225, 79.1791

Background



This preview shows how black text looks on a background with the XYZ color 60.4405, 75.9225, 79.1791.

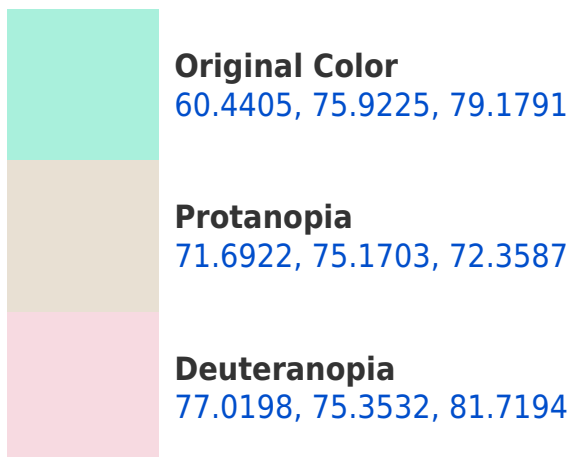


This preview shows how white text looks on a background with the XYZ color 60.4405, 75.9225,

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





Tritanopia

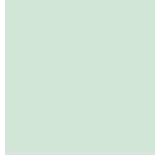
65.5022, 75.8025, 104.9449

Trichromacy



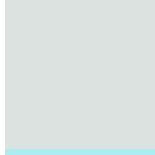
Original Color

60.4405, 75.9225, 79.1791



Protanomaly

66.7289, 75.0040, 74.5786



Deuteranomaly

69.7291, 74.7805, 80.5710



Tritanomaly

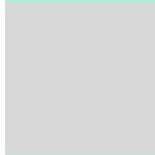
63.5448, 75.8634, 95.2983

Monochromacy



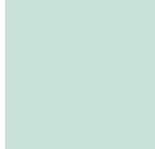
Original Color

60.4405, 75.9225, 79.1791



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

63.0028, 71.0023, 76.0299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4405, 75.9225, 79.1791 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(169, 240, 220)` looks like.

```
.text, #text, p{  
    color:rgb(169, 240, 220)  
}
```

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(169, 240, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 240, 220) }
```

Border

The CSS property to change the border of an element to XYZ 60.4405, 75.9225, 79.1791 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(169, 240, 220) }
```


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

```
.border{ border-color:rgb(169, 240, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 240, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 240, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 240, 220);  
box-shadow:4px 4px 4px 4px rgb(169, 240,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4405, 75.9225, 79.1791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 240, 220) }
```

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

```
.background{ background-color: rgb(169,  
240, 220) }
```

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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