

Converting Colors

XYZ(53.3877, 66.6651, 69.7685)

Have a look what the booklet for
XYZ(53.3877, 66.6651, 69.7685)
contains.

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Color

**XYZ(53.2795, 66.5238,
69.7068)**

Conversions

Conversions Part 1

Format	Color
Hex	A1E2D0
RGB	161, 226, 208
RGB Percent	63%, 89%, 82%
CMY	0.3686, 0.1137, 0.1843
CMYK	0.29, 0.00, 0.08, 0.11
HSL	163°, 53%, 76%
HSV	163°, 29%, 89%
XYZ	53.2795, 66.5238, 69.7068
YIQ	204.5130, -32.9620, -19.3780

Conversions

Conversions Part 2

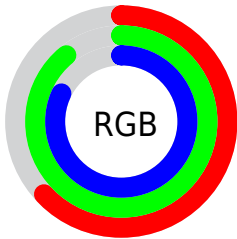
Format	Color
RYB	161, 199, 226
Decimal	10609360
CIELab	85.26, -24.21, 2.22
CIElCh	85, 24.314, 174.765
Yxy	66.5238, 0.2811, 0.3510
Android (android.graphics.Color)	4288799440 (0xFFA1E2D0)
YUV	204.5130, 1.7191, -38.1609
Hunter-Lab	81.5621, -26.1307, 6.4215

Details

The XYZ color **53.2795, 66.5238, 69.7068** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.2479, 44.9150, 48.5663**, and the grayscale version is **57.7251, 60.7313, 66.1364**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **26.2709, 34.2083, 35.7901** is the 20% darker color. If you saturate the color by 10%, you get **48.3756, 64.0847, 65.5373**, and if you desaturate by 10%, it is **59.0407, 69.4048, 74.0780**.

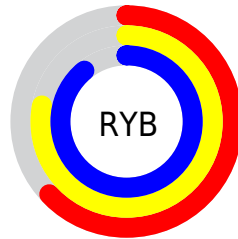
Distribution



Red (63%)

Green (89%)

Blue (82%)



Red (63%)

Yellow (78%)

Blue (89%)

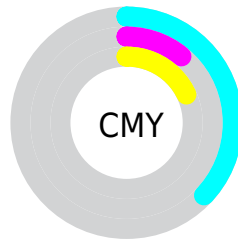


Cyan (29%)

Magenta (0%)

Yellow (8%)

Black (11%)



Cyan (37%)


Magenta (11%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2795, 66.5238, 69.7068 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 53.2795, 66.5238, 69.7068 by changing the saturation by 10% instead.

 53.2795, 66.5238,
69.7068


 53.2795, 66.5238,
69.7068


389.5999,
448.2478, 478.2811

 38.2543, 48.6977,
50.8122


 94.1786, 114.2378,
120.4677

 26.3582, 34.3798,
35.6835


 120.7833,
144.8945, 153.1711

 17.2259, 23.1855,
23.9021


151.9785,
180.5969, 191.3146

 10.4920, 14.7305,
15.0495

188.1296,
221.7294, 235.3166

 5.7911, 8.6305,
8.7071

229.6019,
268.6763, 285.5957

 2.7579, 4.5010,
4.4564

276.7608,

 1.0271, 1.9576,

321.8221, 342.5705

1.8789

329.9717,
381.5512, 406.6595

0.0000, 0.5826,
0.4793

0.0000, 0.0000,
0.0000

53.2795, 66.5238,
69.7068

53.2795, 66.5238,
69.7068

48.3756, 64.0847,
65.5373

59.0407, 69.4048,
74.0780

44.2787, 62.0565,
61.5610


65.6950, 72.7409,
78.6499


40.9418, 60.4166,
57.7753


73.2828, 76.5547,
83.4278


38.3104, 59.1370,
54.1758


81.8406, 80.8649,
88.4150


 36.3229, 58.1860,
50.7577


 84.0616, 81.9047,
93.2712

 34.9063, 57.5260,
47.5156

 85.0042, 82.2817,
98.2349

 33.9503, 57.1002,
44.4425

 85.9792, 82.6717,
103.3690

 33.8453, 57.0541,
44.0725

 86.4875, 82.8750,
106.0458

Harmonies

Analogous

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



54.9851, 66.5238, 56.3394



53.2795, 66.5238, 69.7068



54.1114, 66.5238, 85.8631

Triad

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



53.2795, 66.5238, 69.7068



67.7591, 66.5238, 103.5326



69.5230, 66.5238, 50.4209

Complementary

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



53.2795, 66.5238, 69.7068



52.2479, 44.9150, 48.5663

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.



73.3170, 66.5238, 60.4820



53.2795, 66.5238, 69.7068



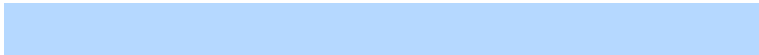
72.2580, 66.5238, 91.3322

Square

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



53.2795, 66.5238, 69.7068



62.2696, 66.5238, 106.9404



74.3456, 66.5238, 75.2296



64.1979, 66.5238, 46.2840

Rectangle

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



53.2795, 66.5238, 69.7068



56.0195, 66.5238, 95.9011



74.3456, 66.5238, 75.2296



71.0317, 66.5238, 53.1447

Sweetspot

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



53.2814, 66.5265, 69.7083



86.0983, 95.5015, 103.2274



52.3184, 66.6021, 43.8175



18.1393, 20.2961, 21.9031



0.0000, 0.0000, 0.0000



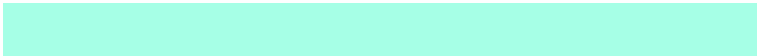
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2814, 66.5265, 69.7083



65.7561, 85.3290, 88.0750



51.9502, 60.1158, 80.8200



13.9462, 15.5042, 16.7517



19.3606, 32.5691, 25.4199



1.3793, 2.2724, 1.9585

Inverse Universe

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



52.2479, 44.9150, 48.5663



64.1764, 52.1798, 55.6732



53.1454, 49.4363, 40.4606



13.8624, 13.7626, 15.0458



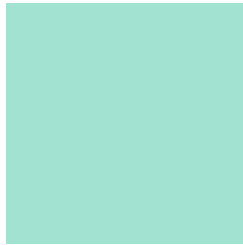
18.4419, 9.4438, 3.7268



1.3156, 0.6695, 0.4550

Previews

White Background



This preview shows how the XYZ color 53.2795, 66.5238, 69.7068 looks on a white background.

Color Contrast Check

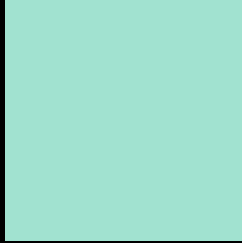
Large Text (above 18pt) WCAG AA × Fail

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 53.2795, 66.5238, 69.7068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

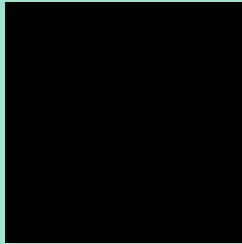
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

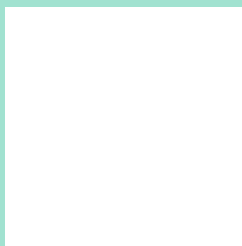
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2795, 66.5238, 69.7068

Background



This preview shows how black text looks on a background with the XYZ color 53.2795, 66.5238, 69.7068.



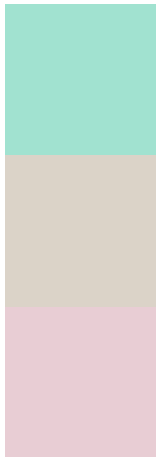
This preview shows how white text looks on a background with the XYZ color 53.2795, 66.5238,

69.7068.

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

53.2795, 66.5238, 69.7068

Protanopia

62.9330, 65.8187, 64.0309

Deuteranopia

66.9937, 65.5719, 71.4131



Tritanopia

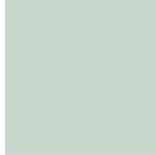
57.5849, 66.2697, 91.4176

Trichromacy



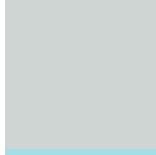
Original Color

53.2795, 66.5238, 69.7068



Protanomaly

58.6241, 65.4293, 66.0392



Deuteranomaly

61.0057, 65.4135, 71.0387



Tritanomaly

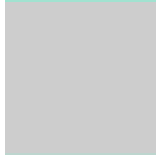
55.9083, 66.3761, 83.2640

Monochromacy



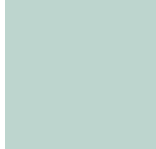
Original Color

53.2795, 66.5238, 69.7068



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

55.9211, 62.8635, 67.5790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2795, 66.5238, 69.7068 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(161, 226, 208)` looks like.

```
.text, #text, p{  
    color:rgb(161, 226, 208)  
}
```

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(161, 226, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 226, 208) }
```

Border

The CSS property to change the border of an element to XYZ 53.2795, 66.5238, 69.7068 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(161, 226, 208) }
```


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

```
.border{ border-color:rgb(161, 226, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 226, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 226, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 226, 208);  
box-shadow:4px 4px 4px 4px rgb(161, 226,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2795, 66.5238, 69.7068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 226, 208) }
```

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

```
.background{ background-color: rgb(161,  
226, 208) }
```

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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