

Converting Colors

XYZ(55.5727, 69.6258, 76.0205)

Have a look what the booklet for
XYZ(55.5727, 69.6258, 76.0205)
contains.

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Color

**XYZ(55.5975, 69.6352,
76.1563)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A0E7D9 |
| RGB | 160, 231, 217 |
| RGB Percent | 63%, 91%, 85% |
| CMY | 0.3725, 0.0941, 0.1490 |
| CMYK | 0.31, 0.00, 0.06, 0.09 |
| HSL | 168°, 60%, 77% |
| HSV | 168°, 31%, 91% |
| XYZ | 55.5975, 69.6352, 76.1563 |
| YIQ | 208.1750, -37.8220, -19.4060 |

Conversions

Conversions Part 2

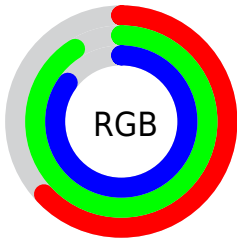
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 160, 199, 231 |
| Decimal | 10545113 |
| CIELab | 86.82, -25.02, -0.26 |
| CIELCh | 87, 25.021, 180.598 |
| Yxy | 69.6352, 0.2761, 0.3458 |
| Android (android.graphics.Color) | 4288735193 (0xFFA0E7D9) |
| YUV | 208.1750, 4.3507, -42.2495 |
| Hunter-Lab | 83.4477, -27.1069, 4.3040 |

Details

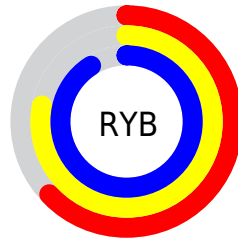
The XYZ color **55.5975, 69.6352, 76.1563** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.1682, 45.1884, 45.9671**, and the grayscale version is **60.0595, 63.1873, 68.8110**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **27.7954, 36.3328, 39.7304** is the 20% darker color. If you saturate the color by 10%, you get **50.8177, 67.2404, 72.8830**, and if you desaturate by 10%, it is **61.2557, 72.4845, 79.5591**.

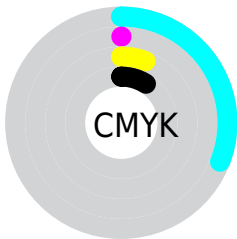
Distribution



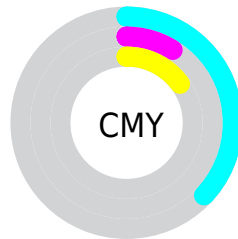
- Red (63%)
- Green (91%)
- Blue (85%)



- Red (63%)
- Yellow (78%)
- Blue (91%)



- Cyan (31%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)



- Cyan (37%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5975, 69.6352, 76.1563 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 55.5975, 69.6352, 76.1563 by changing the saturation by 10% instead.


 55.5975, 69.6352,
76.1563


 55.5975, 69.6352,
76.1563


398.2725,
459.2681, 501.2436

 40.1160, 51.2292,
56.0533


 97.5591, 118.6884,
129.7099

 27.8136, 36.3910,
39.8413


 124.7699,
150.1043, 163.9976

 18.3250, 24.7364,
27.1020


156.6212,
186.6257, 203.8506

 11.2846, 15.8807,
17.4167

193.4783,
228.6370, 249.6874

 6.3273, 9.4398,
10.3670

235.7067,
276.5224, 301.9265

 3.0877, 5.0291,
5.5342

283.6716,

 1.2003, 2.2644,

330.6665, 360.9866

2.4998

337.7384,
391.4536, 427.2861

■ 0.1066, 0.7548,
0.8400

■ 0.0000, 0.0000,
0.0000

■ 55.5975, 69.6352,
76.1563

■ 55.5975, 69.6352,
76.1563

■ 50.8177, 67.2404,
72.8830

■ 61.2557, 72.4845,
79.5591

■ 46.8625, 65.2671,
69.7316

■ 67.8303, 75.8025,
83.0893

■ 43.6815, 63.6911,
66.7004

■ 75.3644, 79.6132,
86.7513

■ 41.2164, 62.4822,
63.7861

■ 83.8966, 83.9365,
90.5473

■ 39.4001, 61.6060,
60.9847

■ 85.5128, 84.6926,
94.1077

■ 38.1529, 61.0213,
58.2920

■ 86.1975, 84.9664,
97.7131

■ 37.3814, 60.6760,
55.8879

■ 86.8992, 85.2472,
101.4087

■ 87.6183, 85.5348,
105.1951

■ 87.8672, 85.6343,
106.5057

Harmonies

Analogous

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



56.8924, 69.6352, 61.1262



55.5975, 69.6352, 76.1563



56.9982, 69.6352, 93.3648

Triad

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



55.5975, 69.6352, 76.1563



72.0578, 69.6352, 106.9492



71.8436, 69.6352, 51.1494

Complementary

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



55.5975, 69.6352, 76.1563



53.1682, 45.1884, 45.9671

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.



76.3120, 69.6352, 60.6251



55.5975, 69.6352, 76.1563



76.4407, 69.6352, 92.7000

Square

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



55.5975, 69.6352, 76.1563



66.3032, 69.6352, 112.6685



78.0405, 69.6352, 75.4865



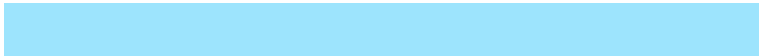
66.0693, 69.6352, 48.0353

Rectangle

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



55.5975, 69.6352, 76.1563



59.3223, 69.6352, 103.4328



78.0405, 69.6352, 75.4865



73.5600, 69.6352, 53.6202

Sweetspot

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



55.5995, 69.6380, 76.1579



86.3847, 95.6161, 104.7353



52.4234, 68.7145, 43.7591



18.2101, 20.3244, 22.2763



0.0000, 0.0000, 0.0000



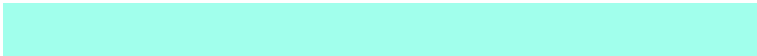
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5995, 69.6380, 76.1579



65.5849, 85.1397, 92.6332



51.8957, 59.1907, 84.2944



14.6792, 16.2851, 17.8414



21.0005, 34.0323, 31.5667



1.5831, 2.5273, 2.4969

Inverse Universe

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



53.1682, 45.1884, 45.9671



62.0865, 49.8927, 49.1424



55.8874, 52.6990, 40.4852



14.4926, 14.4142, 15.5284



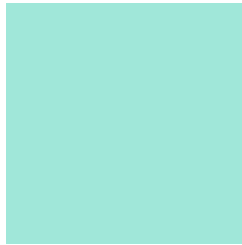
18.7814, 9.6468, 2.4781



1.4203, 0.7258, 0.3541

Previews

White Background



This preview shows how the XYZ color 55.5975, 69.6352, 76.1563 looks on a white background.

Color Contrast Check

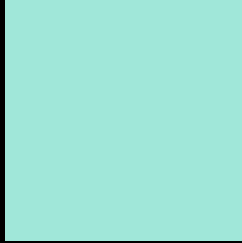
Large Text (above 18pt) WCAG AA × Fail

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 55.5975, 69.6352, 76.1563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

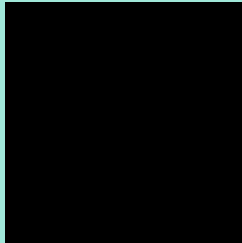
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

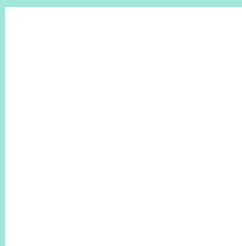
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5975, 69.6352, 76.1563

Background



This preview shows how black text looks on a background with the XYZ color 55.5975, 69.6352, 76.1563.

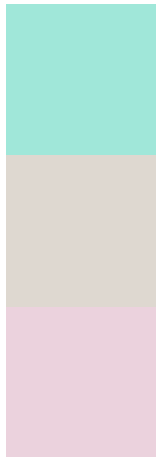


This preview shows how white text looks on a background with the XYZ color 55.5975, 69.6352,

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

55.5975, 69.6352, 76.1563

Protanopia

66.0652, 69.1954, 69.5485

Deuteranopia

70.3587, 68.9758, 78.0120



Tritanopia

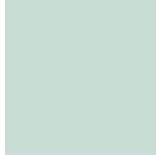
59.6764, 69.6377, 96.6823

Trichromacy



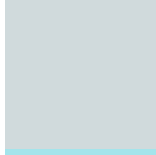
Original Color

55.5975, 69.6352, 76.1563



Protanomaly

61.1675, 68.5582, 71.6372



Deuteranomaly

64.0021, 68.7200, 77.6012



Tritanomaly

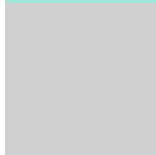
58.0486, 69.3775, 88.9290

Monochromacy



Original Color

55.5975, 69.6352, 76.1563



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

57.7996, 64.8912, 71.1069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5975, 69.6352, 76.1563 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(160, 231, 217)` looks like.

```
.text, #text, p{  
    color:rgb(160, 231, 217)  
}
```

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(160, 231, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 231, 217) }
```

Border

The CSS property to change the border of an element to XYZ 55.5975, 69.6352, 76.1563 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(160, 231, 217) }
```


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

```
.border{ border-color:rgb(160, 231, 217) }
```

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

Here you see how a box with a 4 pixel rgb(160, 231, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 231, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 231, 217);  
box-shadow:4px 4px 4px 4px rgb(160, 231,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5975, 69.6352, 76.1563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 231, 217) }
```

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

```
.background{ background-color: rgb(160,  
231, 217) }
```

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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