

Converting Colors

XYZ(55.3994, 75.6144, 75.9652)

Have a look what the booklet for
XYZ(55.3994, 75.6144, 75.9652)
contains.

XYZ(55.3994, 75.6144, 75.9652)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.3994, 75.6144,
75.9652)**

Conversions

Conversions Part 1

Format	Color
Hex	8AF5D7
RGB	138, 245, 215
RGB Percent	54%, 96%, 84%
CMY	0.4588, 0.0392, 0.1569
CMYK	0.44, 0.00, 0.12, 0.04
HSL	163°, 84%, 75%
HSV	163°, 44%, 96%
XYZ	55.3994, 75.6144, 75.9652
YIQ	209.5870, -54.1420, -32.0140

Conversions

Conversions Part 2

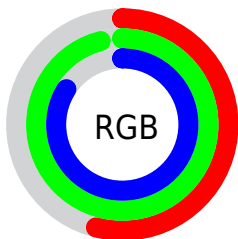
Format	Color
R _Y B	138, 200, 245
Decimal	9106903
CIE Lab	89.68, -37.85, 4.82
CIE LCh	90, 38.161, 172.740
Yxy	75.6144, 0.2677, 0.3653
Android (android.graphics.Color)	4287296983 (0xFF8AF5D7)
YUV	209.5870, 2.6686, -62.7818
Hunter-Lab	86.9565, -38.4529, 9.0739

Details

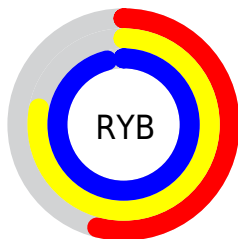
The XYZ color **55.3994, 75.6144, 75.9652** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **53.8151, 40.4186, 42.0139**, and the grayscale version is **60.9981, 64.1748, 69.8863**.

A 20% lighter version of the original color is **76.5750, 90.4758, 108.0354**, and **27.6366, 40.2100, 39.5624** is the 20% darker color. If you saturate the color by 10%, you get **50.9301, 73.4122, 71.2455**, and if you desaturate by 10%, it is **60.8242, 78.3088, 80.9265**.

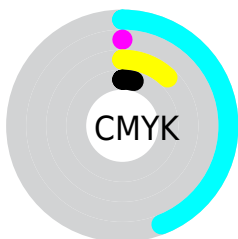
Distribution



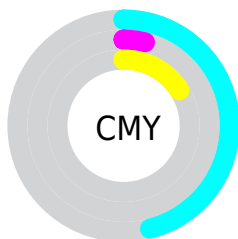
- Red (54%)
- Green (96%)
- Blue (84%)



- Red (54%)
- Yellow (78%)
- Blue (96%)



- Cyan (44%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)





- Cyan (46%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3994, 75.6144, 75.9652 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 55.3994, 75.6144, 75.9652 by changing the saturation by 10% instead.


 55.3994, 75.6144,
75.9652


 55.3994, 75.6144,
75.9652


397.5360,
480.0267, 500.5722

 39.9567, 56.1164,
55.8975


 97.2708, 127.1817,
129.4374

 27.6888, 40.2962,
39.7173


 124.4302,
160.0197, 163.6789

 18.2305, 27.7696,
27.0061


156.2259,
198.0733, 203.4821

 11.2163, 18.1520,
17.3453

193.0232,
241.7267, 249.2655

 6.2809, 11.0592,
10.3164

235.1875,
291.3643, 301.4477

 3.0589, 6.1067,
5.5009

283.0842,

 1.1850, 2.9101,

347.3706, 360.4472

2.4802

337.0786,
410.1299, 426.6825

0.0945, 1.0850,
0.8297

0.0000, 0.0000,
0.0000

55.3994, 75.6144,
75.9652

55.3994, 75.6144,
75.9652

50.9301, 73.4122,
71.2455

60.8242, 78.3088,
80.9265

47.3473, 71.6608,
66.7568


67.2551, 81.5155,
86.1290


44.5827, 70.3271,
62.4952


74.7464, 85.2646,
91.5792

42.5546, 69.3689,
58.4544

83.3469, 89.5810,
97.2817

 41.1639, 68.7353,
54.6273

 91.0474, 93.4289,
103.1446

 40.5206, 68.4542,
52.3108

 91.9437, 93.7875,
107.8646

Harmonies

Analogous

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



58.4307, 75.6144, 54.8157



55.3994, 75.6144, 75.9652



56.4647, 75.6144, 103.9893

Triad

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



55.3994, 75.6144, 75.9652



79.0796, 75.6144, 139.8483



83.3689, 75.6144, 47.6417

Complementary

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



55.3994, 75.6144, 75.9652



53.8151, 40.4186, 42.0139

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.



89.8479, 75.6144, 63.9107



55.3994, 75.6144, 75.9652



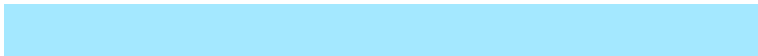
87.2247, 75.6144, 117.7893

Square

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



55.3994, 75.6144, 75.9652



69.6106, 75.6144, 145.0450



91.3170, 75.6144, 89.0433



74.1762, 75.6144, 40.9393

Rectangle

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



55.3994, 75.6144, 75.9652



59.4028, 75.6144, 122.6647



91.3170, 75.6144, 89.0433



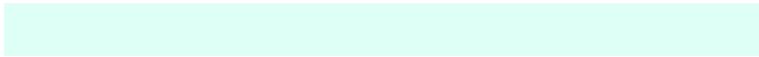
85.9680, 75.6144, 51.9778

Sweetspot

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



55.4015, 75.6174, 75.9669



82.4276, 93.6616, 100.6856



53.4582, 75.5026, 35.8020



17.2288, 19.8399, 21.2624



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.



55.4015, 75.6174, 75.9669



56.4741, 80.7394, 78.8138



53.0376, 64.1438, 95.9753



16.7869, 18.6739, 20.1623



21.8904, 36.9010, 28.5065



1.9676, 3.2607, 2.7354

Inverse Universe

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



53.8151, 40.4186, 42.0139



54.5572, 37.8009, 37.4863



55.0230, 46.8035, 30.1800



16.6901, 16.5589, 18.1146



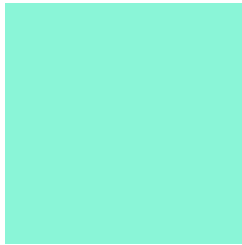
20.9104, 10.7076, 4.2366



1.8798, 0.9579, 0.5936

Previews

White Background



This preview shows how the XYZ color 55.3994, 75.6144, 75.9652 looks on a white background.

Color Contrast Check

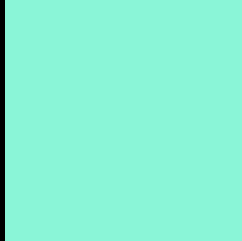
Large Text (above 18pt) WCAG AA × Fail

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 55.3994, 75.6144, 75.9652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

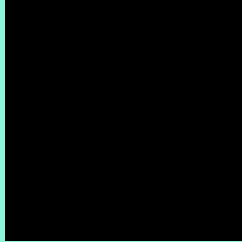
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3994, 75.6144, 75.9652

Background



This preview shows how black text looks on a background with the XYZ color 55.3994, 75.6144, 75.9652.



This preview shows how white text looks on a background with the XYZ color 55.3994, 75.6144,

75.9652.

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

55.3994, 75.6144, 75.9652

Protanopia

70.7714, 74.4108, 67.1326

Deuteranopia

76.2218, 74.6203, 78.7925



Tritanopia

62.6323, 75.1593, 105.8139

Trichromacy



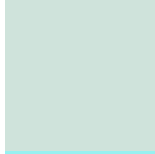
Original Color

55.3994, 75.6144, 75.9652



Protanomaly

63.1271, 73.6626, 69.9226



Deuteranomaly

65.9874, 73.3180, 77.6917



Tritanomaly

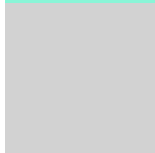
59.6508, 75.1908, 93.8074

Monochromacy



Original Color

55.3994, 75.6144, 75.9652



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

58.0385, 67.7192, 72.2995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3994, 75.6144, 75.9652 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(138, 245, 215)` looks like.

```
.text, #text, p{  
    color:rgb(138, 245, 215)  
}
```

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(138, 245, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 245, 215) }
```

Border

The CSS property to change the border of an element to XYZ 55.3994, 75.6144, 75.9652 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(138, 245, 215) }
```


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

```
.border{ border-color:rgb(138, 245, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 245, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 245, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 245, 215);  
box-shadow:4px 4px 4px 4px rgb(138, 245,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3994, 75.6144, 75.9652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 245, 215) }
```

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

```
.background{ background-color: rgb(138,  
245, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor