

Converting Colors

XYZ(50.9694, 68.6942, 67.6997)

Have a look what the booklet for
XYZ(50.9694, 68.6942, 67.6997)
contains.

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Color

**XYZ(50.9694, 68.6942,
67.6997)**

Conversions

Conversions Part 1

Format	Color
Hex	8BEACC
RGB	139, 234, 204
RGB Percent	55%, 92%, 80%
CMY	0.4549, 0.0823, 0.2000
CMYK	0.41, 0.00, 0.13, 0.08
HSL	161°, 69%, 73%
HSV	161°, 41%, 92%
XYZ	50.9694, 68.6942, 67.6997
YIQ	202.1750, -46.9900, -29.4700

Conversions

Conversions Part 2

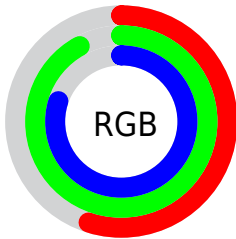
Format	Color
RYB	139, 195, 234
Decimal	9169612
CIELab	86.35, -34.95, 5.77
CIELCh	86, 35.428, 170.631
Yxy	68.6942, 0.2720, 0.3666
Android (android.graphics.Color)	4287359692 (0xFF8BEACC)
YUV	202.1750, 0.8997, -55.4045
Hunter-Lab	82.8820, -35.2724, 9.5881

Details

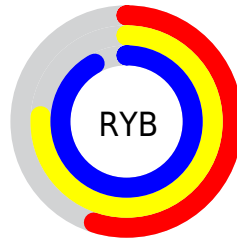
The XYZ color **50.9694, 68.6942, 67.6997** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **50.3281, 38.8241, 42.3801**, and the grayscale version is **56.2654, 59.1956, 64.4640**.

A 20% lighter version of the original color is **76.5750, 90.4758, 108.0354**, and **24.9927, 35.8818, 34.4628** is the 20% darker color. If you saturate the color by 10%, you get **46.6074, 66.5473, 62.9788**, and if you desaturate by 10%, it is **56.2135, 71.2946, 72.6844**.

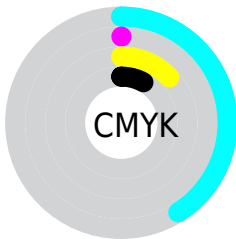
Distribution



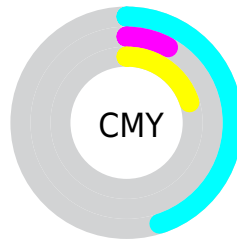
- Red (55%)
- Green (92%)
- Blue (80%)



- Red (55%)
- Yellow (76%)
- Blue (92%)



- Cyan (41%)
- Magenta (0%)
- Yellow (13%)
- Black (8%)





- Cyan (45%)
- Magenta (8%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9694, 68.6942, 67.6997 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 50.9694, 68.6942, 67.6997 by changing the saturation by 10% instead.


 50.9694, 68.6942,
67.6997


 50.9694, 68.6942,
67.6997


380.8345,
455.9517, 471.0004

 36.4052, 50.4627,
49.1883


 90.7928, 117.3447,
117.5726

 24.9189, 35.7812,
34.4022

 116.7827,
148.5325, 149.7712

 16.1450, 24.2653,
22.9229


147.3119,
184.8078, 187.3692

 9.7183, 15.5305,
14.3318

182.7457,
226.5551, 230.7853

 5.2734, 9.1925,
8.2104

223.4495,
274.1588, 280.4379

 2.4450, 4.8670,
4.1402


269.7887,


 0.8676, 2.1694,


328.0031, 336.7456


1.7026


322.1286,
388.4727, 400.1269


 0.0000, 0.7032,
0.3625


 0.0000, 0.0000,
0.0000


 50.9694, 68.6942,
67.6997


 50.9694, 68.6942,
67.6997

 46.6074, 66.5473,
62.9788


 56.2135, 71.2946,
72.6844


 43.0673, 64.8175,
58.5115


 62.3837, 74.3656,
77.9335

 40.2903, 63.4764,
54.2934


 69.5275, 77.9336,
83.4536


 38.2070, 62.4883,
50.3181


 77.6879, 82.0206,
89.2496

 36.7347, 61.8105,
46.5786

 86.5341, 86.4560,
95.3086

 35.7782, 61.3897,
43.2687

 87.6605, 86.9066,
101.2402

 88.7140, 87.3280,
106.7880

Harmonies

Analogous

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



53.8711, 68.6942, 49.7061



50.9694, 68.6942, 67.6997



51.6497, 68.6942, 91.8178

Triad

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



50.9694, 68.6942, 67.6997



70.9922, 68.6942, 125.3722



75.7860, 68.6942, 45.0964

Complementary

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



50.9694, 68.6942, 67.6997



50.3281, 38.8241, 42.3801

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.



81.1465, 68.6942, 60.0203



50.9694, 68.6942, 67.6997



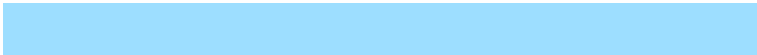
78.2223, 68.6942, 107.1641

Square

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



50.9694, 68.6942, 67.6997



62.7644, 68.6942, 128.6284



82.0734, 68.6942, 82.3723



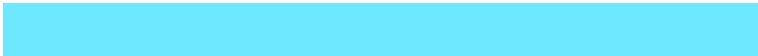
67.8861, 68.6942, 38.5722

Rectangle

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



50.9694, 68.6942, 67.6997



54.0671, 68.6942, 108.1325



82.0734, 68.6942, 82.3723



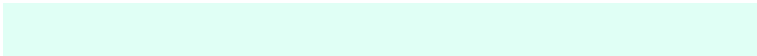
77.9715, 68.6942, 49.1298

Sweetspot

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



50.9713, 68.6970, 67.7013



83.1574, 94.0444, 100.4251



50.4653, 69.1568, 35.1162



17.5454, 20.0026, 21.3039



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.



50.9713, 68.6970, 67.7013



57.3088, 81.2039, 77.3074



50.2065, 60.8432, 86.9428



15.3035, 17.0362, 18.2809



20.1641, 34.5201, 24.6268



1.6266, 2.7280, 2.1615

Inverse Universe

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



50.3281, 38.8241, 42.3801



56.4388, 40.1224, 42.5577



50.5526, 43.2755, 30.1160



15.2614, 15.1324, 16.6621



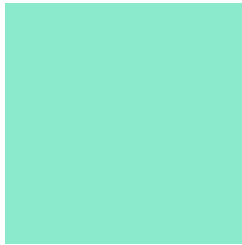
19.8107, 10.1270, 4.8047



1.5978, 0.8121, 0.5992

Previews

White Background



This preview shows how the XYZ color 50.9694, 68.6942, 67.6997 looks on a white background.

Color Contrast Check

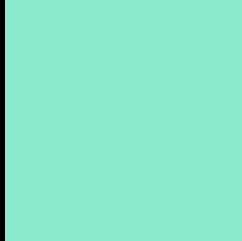
Large Text (above 18pt) WCAG AA × Fail

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 50.9694, 68.6942, 67.6997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

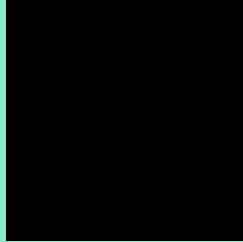
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9694, 68.6942, 67.6997

Background



This preview shows how black text looks on a background with the XYZ color 50.9694, 68.6942, 67.6997.

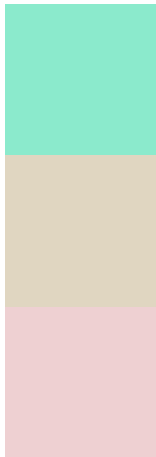


This preview shows how white text looks on a background with the XYZ color 50.9694, 68.6942,

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

50.9694, 68.6942, 67.6997

Protanopia

64.4127, 67.7907, 60.1421

Deuteranopia

69.4486, 67.9420, 70.4266



Tritanopia

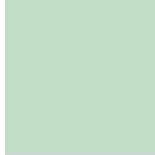
56.9556, 68.6247, 97.4328

Trichromacy



Original Color

50.9694, 68.6942, 67.6997



Protanomaly

57.9268, 67.0816, 62.7183



Deuteranomaly

60.5551, 66.7363, 69.3643



Tritanomaly

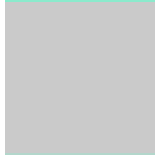
54.5747, 68.4741, 85.9417

Monochromacy



Original Color

50.9694, 68.6942, 67.6997



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

53.4165, 61.9886, 65.6496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9694, 68.6942, 67.6997 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(139, 234, 204)` looks like.

```
.text, #text, p{  
    color:rgb(139, 234, 204)  
}
```

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(139, 234, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 234, 204) }
```

Border

The CSS property to change the border of an element to XYZ 50.9694, 68.6942, 67.6997 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(139, 234, 204) }
```


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

```
.border{ border-color:rgb(139, 234, 204) }
```

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

Here you see how a box with a 4 pixel rgb(139, 234, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 234, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 234, 204);  
box-shadow:4px 4px 4px 4px rgb(139, 234,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9694, 68.6942, 67.6997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 234, 204) }
```

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

```
.background{ background-color: rgb(139,  
234, 204) }
```

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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