

Converting Colors

XYZ(56.1326, 75.6885, 69.4084)

Have a look what the booklet for
XYZ(56.1326, 75.6885, 69.4084)
contains.

XYZ(56.1326, 75.6885, 69.4084)	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(56.1326, 75.6885,
69.4084)**

Conversions

Conversions Part 1

Format	Color
Hex	97F4CD
RGB	151, 244, 205
RGB Percent	59%, 96%, 80%
CMY	0.4078, 0.0431, 0.1961
CMYK	0.38, 0.00, 0.16, 0.04
HSL	155°, 81%, 77%
HSV	155°, 38%, 96%
XYZ	56.1326, 75.6885, 69.4084
YIQ	211.7470, -42.9090, -31.8450

Conversions

Conversions Part 2

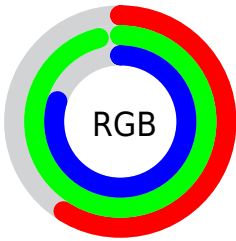
Format	Color
RYB	151, 210, 244
Decimal	9958605
CIELab	89.71, -36.17, 10.14
CIELCh	90, 37.563, 164.339
Yxy	75.6885, 0.2789, 0.3761
Android (android.graphics.Color)	4288148685 (0xFF97F4CD)
YUV	211.7470, -3.3263, -53.2751
Hunter-Lab	86.9991, -37.0787, 13.5975

Details

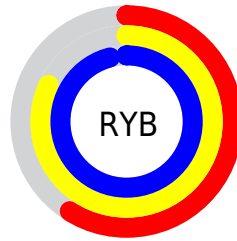
The XYZ color **56.1326, 75.6885, 69.4084** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **57.6716, 45.0858, 54.3809**, and the grayscale version is **62.4548, 65.7073, 71.5552**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **28.0756, 40.2079, 35.5593** is the 20% darker color. If you saturate the color by 10%, you get **50.8695, 73.1154, 62.9245**, and if you desaturate by 10%, it is **62.4178, 78.7832, 76.3652**.

Distribution



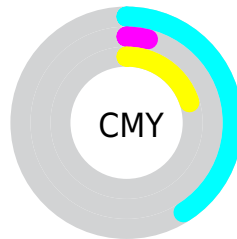
- Red (59%)
- Green (96%)
- Blue (80%)



- Red (59%)
- Yellow (82%)
- Blue (96%)



- Cyan (38%)
- Magenta (0%)
- Yellow (16%)
- Black (4%)





- Cyan (41%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1326, 75.6885, 69.4084 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 56.1326, 75.6885, 69.4084 by changing the saturation by 10% instead.


 56.1326, 75.6885,
69.4084


 56.1326, 75.6885,
69.4084


400.2580,
480.2807, 477.2029

 40.5467, 56.1771,
50.5706


 98.3371, 127.2865,
120.0379

 28.1511, 40.3449,
35.4926


 125.6864,
160.1419, 152.6666

 18.5807, 27.8076,
23.7560


157.6875,
198.2141, 190.7294

 11.4699, 18.1807,
14.9422

194.7058,
241.8874, 234.6448

 6.4534, 11.0798,
8.6327

237.1066,
291.5464, 284.8313

 3.1660, 6.1205,
4.4088


285.2554,

 1.2421, 2.9185,


347.5753, 341.7074


1.8522


339.5174,
410.3586, 405.6918


 0.1392, 1.0893,
0.4621


 0.0000, 0.0000,
0.0000


 56.1326, 75.6885,
69.4084


 56.1326, 75.6885,
69.4084


 50.8695, 73.1154,
62.9245


 62.4178, 78.7832,
76.3652


 46.5625, 71.0240,
56.8975

 69.7735, 82.4183,
83.8000

 43.1473, 69.3833,
51.3177

 78.2526, 86.6228,
91.7246

 40.5486, 68.1548,
46.1733

 87.9024, 91.4210,
100.1484

■ 38.6780, 67.2931,
41.4511

■ 91.6421, 93.1842,
107.7640

■ 37.4135, 66.7354,
37.1366

■ 37.2102, 66.6474,
36.3667

Harmonies

Analogous

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



60.2079, 75.6885, 51.0771



56.1326, 75.6885, 69.4084



56.0426, 75.6885, 95.6859

Triad

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



56.1326, 75.6885, 69.4084



76.4364, 75.6885, 142.2906



85.4293, 75.6885, 51.6838

Complementary

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



56.1326, 75.6885, 69.4084



57.6716, 45.0858, 54.3809

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.



90.5901, 75.6885, 70.4261



56.1326, 75.6885, 69.4084



85.1042, 75.6885, 124.4900

Square

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



56.1326, 75.6885, 69.4084



67.2430, 75.6885, 141.8531



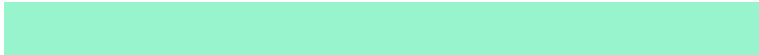
90.4663, 75.6885, 96.9458



76.8500, 75.6885, 42.4422

Rectangle

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



56.1326, 75.6885, 69.4084



58.2264, 75.6885, 114.6248



90.4663, 75.6885, 96.9458



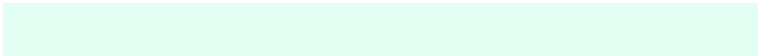
87.6529, 75.6885, 56.8818

Sweetspot

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



56.1347, 75.6916, 69.4101



83.6362, 94.3281, 98.7805



59.5004, 78.0544, 41.2091



17.6238, 20.0523, 20.8861



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.



56.1347, 75.6916, 69.4101



57.3089, 81.3446, 70.9505



59.6104, 74.1468, 96.7616



16.6857, 18.6334, 19.6292



20.3017, 36.2655, 20.1406



1.8355, 3.2079, 2.0399

Inverse Universe

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



57.6716, 45.0858, 54.3809



59.2436, 42.9342, 52.1181



54.9872, 45.6509, 35.1925



16.7874, 16.5978, 18.6271



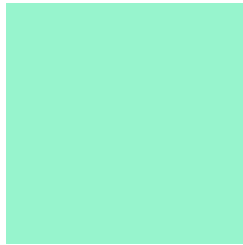
21.6637, 11.0089, 8.2034



1.9541, 0.9876, 0.9847

Previews

White Background



This preview shows how the XYZ color 56.1326, 75.6885, 69.4084 looks on a white background.

Color Contrast Check

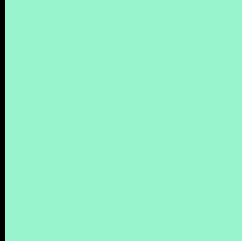
Large Text (above 18pt) WCAG AA × Fail

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 56.1326, 75.6885, 69.4084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

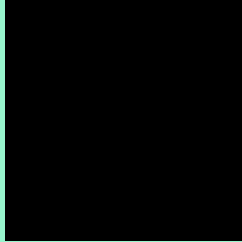
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1326, 75.6885, 69.4084

Background



This preview shows how black text looks on a background with the XYZ color 56.1326, 75.6885, 69.4084.



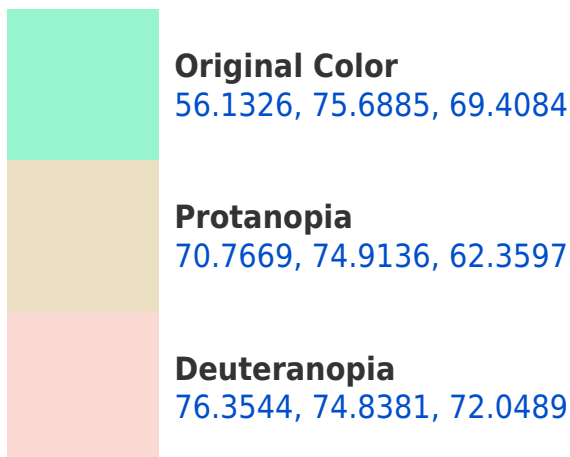
This preview shows how white text looks on a background with the XYZ color 56.1326, 75.6885,

69.4084.

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

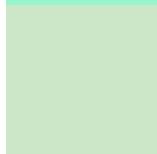
63.5625, 75.2102, 105.7747

Trichromacy



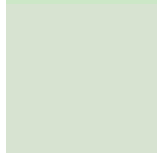
Original Color

56.1326, 75.6885, 69.4084



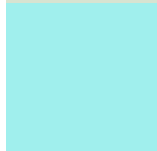
Protanomaly

63.7866, 74.1127, 64.9761



Deuteranomaly

67.0020, 73.9887, 71.0715



Tritanomaly

60.6498, 75.3210, 91.4626

Monochromacy



Original Color

56.1326, 75.6885, 69.4084



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

59.3995, 68.8619, 70.4826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1326, 75.6885, 69.4084 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(151, 244, 205)` looks like.

```
.text, #text, p{  
    color:rgb(151, 244, 205)  
}
```

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(151, 244, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 244, 205) }
```

Border

The CSS property to change the border of an element to XYZ 56.1326, 75.6885, 69.4084 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(151, 244, 205) }
```


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

```
.border{ border-color:rgb(151, 244, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 244, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 244, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 244, 205);  
box-shadow:4px 4px 4px 4px rgb(151, 244,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1326, 75.6885, 69.4084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 244, 205) }
```

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

```
.background{ background-color: rgb(151,  
244, 205) }
```

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