

Converting Colors

XYZ(52.8286, 70.1177, 66.0081)

Have a look what the booklet for
XYZ(52.8286, 70.1177, 66.0081)
contains.

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Color

**XYZ(52.8286, 70.1177,
66.0081)**

Conversions

Conversions Part 1

Format	Color
Hex	96EBC9
RGB	150, 235, 201
RGB Percent	59%, 92%, 79%
CMY	0.4118, 0.0784, 0.2118
CMYK	0.36, 0.00, 0.14, 0.08
HSL	156°, 68%, 75%
HSV	156°, 36%, 92%
XYZ	52.8286, 70.1177, 66.0081
YIQ	205.7090, -39.7460, -28.5940

Conversions

Conversions Part 2

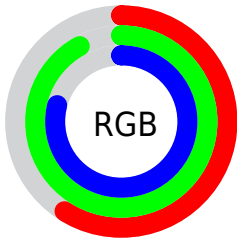
Format	Color
RYB	150, 203, 235
Decimal	9890761
CIELab	87.05, -33.10, 8.41
CIELCh	87, 34.153, 165.741
Yxy	70.1177, 0.2796, 0.3711
Android (android.graphics.Color)	4288080841 (0xFF96EBC9)
YUV	205.7090, -2.3215, -48.8568
Hunter-Lab	83.7363, -33.9243, 11.8780

Details

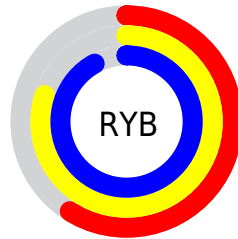
The XYZ color **52.8286, 70.1177, 66.0081** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **53.8214, 42.9373, 50.8011**, and the grayscale version is **58.5143, 61.5616, 67.0405**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **26.1059, 36.7797, 33.3270** is the 20% darker color. If you saturate the color by 10%, you get **47.8583, 67.6812, 60.1792**, and if you desaturate by 10%, it is **58.7377, 73.0341, 72.2372**.

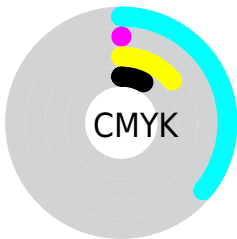
Distribution



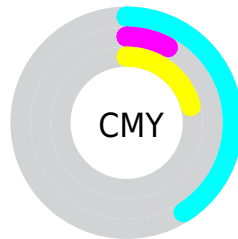
- Red (59%)
- Green (92%)
- Blue (79%)



- Red (59%)
- Yellow (80%)
- Blue (92%)



- Cyan (36%)
- Magenta (0%)
- Yellow (14%)
- Black (8%)





- Cyan (41%)
- Magenta (8%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8286, 70.1177, 66.0081 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 52.8286, 70.1177, 66.0081 by changing the saturation by 10% instead.


 52.8286, 70.1177,
66.0081


 52.8286, 70.1177,
66.0081


387.8988,
460.9632, 464.8109

 37.8929, 51.6225,
47.8225


 93.5191, 119.3766,
115.1251

 26.0764, 36.7043,
33.3273


 120.0046,
150.9091, 146.8935

 17.0138, 24.9786,
22.1041


151.0708,
187.5561, 184.0266

 10.3397, 16.0611,
13.7344

187.0830,
229.7020, 226.9428

 5.6887, 9.5674,
7.7995

228.4065,
277.7313, 276.0609

 2.6956, 5.1131,
3.8810

275.4068,

 0.9949, 2.3138,

332.0284, 331.7992

1.5603

328.4491,
392.9775, 394.5763

0.0000, 0.7810,
0.2623

0.0000, 0.0000,
0.0000

52.8286, 70.1177,
66.0081

52.8286, 70.1177,
66.0081

47.8583, 67.6812,
60.1792

58.7377, 73.0341,
72.2372

43.7675, 65.6885,
54.7371

65.6286, 76.4468,
78.8703

40.4994, 64.1124,
49.6742

73.5488, 80.3821,
85.9169

37.9872, 62.9186,
44.9806

82.5408, 84.8616,
93.3849

■ 36.1535, 62.0674,
40.6460

■ 87.8936, 87.4568,
101.0594

■ 34.9021, 61.5092,
36.6588

■ 88.9996, 87.8992,
106.8832

■ 34.5172, 61.3422,
35.2195

Harmonies

Analogous

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



56.2302, 70.1177, 49.5585



52.8286, 70.1177, 66.0081



52.9168, 70.1177, 88.9238

Triad

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



52.8286, 70.1177, 66.0081



70.9028, 70.1177, 127.0436



77.9591, 70.1177, 48.9569

Complementary

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



52.8286, 70.1177, 66.0081



53.8214, 42.9373, 50.8011

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.



82.5626, 70.1177, 65.0144



52.8286, 70.1177, 66.0081



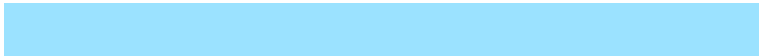
78.2718, 70.1177, 111.3776

Square

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



52.8286, 70.1177, 66.0081



62.9298, 70.1177, 127.4581



82.6814, 70.1177, 87.7111



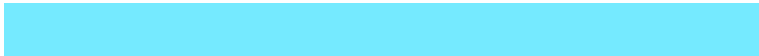
70.5031, 70.1177, 41.1326

Rectangle

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



52.8286, 70.1177, 66.0081



54.9300, 70.1177, 105.0582



82.6814, 70.1177, 87.7111



79.9168, 70.1177, 53.4092

Sweetspot

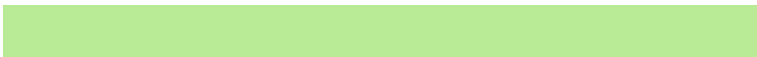
The Sweet Spot groups the original color and five complimentary colors.



52.8305, 70.1206, 66.0097



83.7184, 94.3610, 99.2136



55.3238, 71.9878, 39.8343



17.6434, 20.0601, 20.9894



0.0000, 0.0000, 0.0000



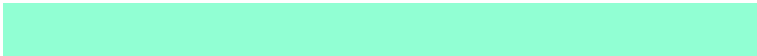
20.3446, 21.4041, 23.3091

Same Dimension

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



52.8305, 70.1206, 66.0097



59.2740, 82.2817, 74.4766



55.2958, 67.9259, 88.7972



15.2478, 17.0139, 17.9876



19.2743, 34.1642, 19.9413



1.5608, 2.7016, 1.8149

Inverse Universe

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



53.8214, 42.9373, 50.8011



60.6273, 45.3013, 53.8135



51.8391, 44.0080, 34.6173



15.3151, 15.1539, 16.9446



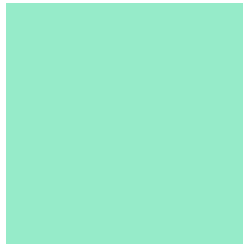
20.2513, 10.3032, 7.1249



1.6366, 0.8276, 0.8036

Previews

White Background



This preview shows how the XYZ color 52.8286, 70.1177, 66.0081 looks on a white background.

Color Contrast Check

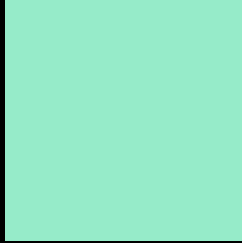
Large Text (above 18pt) WCAG AA × Fail

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 52.8286, 70.1177, 66.0081 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 52.8286, 70.1177, 66.0081

Background



This preview shows how black text looks on a background with the XYZ color 52.8286, 70.1177, 66.0081.

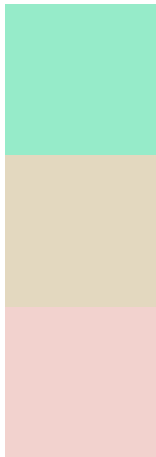


This preview shows how white text looks on a background with the XYZ color 52.8286, 70.1177,

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

52.8286, 70.1177, 66.0081

Protanopia

65.6384, 69.2042, 59.1884

Deuteranopia

70.8051, 69.4267, 68.0614



Tritanopia

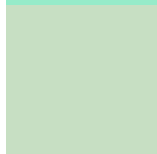
59.5058, 70.3311, 98.4347

Trichromacy



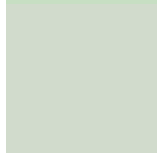
Original Color

52.8286, 70.1177, 66.0081



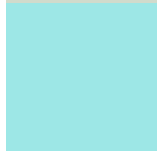
Protanomaly

59.7912, 68.8576, 61.7693



Deuteranomaly

62.5251, 68.5780, 67.0682



Tritanomaly

56.7635, 70.0331, 85.3889

Monochromacy



Original Color

52.8286, 70.1177, 66.0081



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

55.9616, 64.4244, 66.6124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8286, 70.1177, 66.0081 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(150, 235, 201)` looks like.

```
.text, #text, p{  
    color:rgb(150, 235, 201)  
}
```

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(150, 235, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 235, 201) }
```

Border

The CSS property to change the border of an element to XYZ 52.8286, 70.1177, 66.0081 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(150, 235, 201) }
```


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

```
.border{ border-color:rgb(150, 235, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 235, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 235, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 235, 201);  
box-shadow:4px 4px 4px 4px rgb(150, 235,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8286, 70.1177, 66.0081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 235, 201) }
```

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

```
.background{ background-color: rgb(150,  
235, 201) }
```

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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