

Converting Colors

XYZ(53.0255, 67.6922, 84.8266)

Have a look what the booklet for
XYZ(53.0255, 67.6922, 84.8266)
contains.

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Color

**XYZ(53.0610, 67.7101,
85.1357)**

Conversions

Conversions Part 1

Format	Color
Hex	8AE6E6
RGB	138, 230, 230
RGB Percent	54%, 90%, 90%
CMY	0.4588, 0.0980, 0.0980
CMYK	0.40, 0.00, 0.00, 0.10
HSL	180°, 65%, 72%
HSV	180°, 40%, 90%
XYZ	53.0610, 67.7101, 85.1357
YIQ	202.4920, -54.8320, -19.5040

Conversions

Conversions Part 2

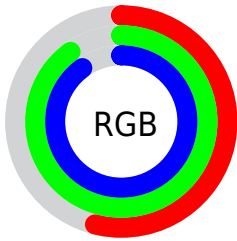
Format	Color
RYB	138, 184, 230
Decimal	9103078
CIELab	85.86, -27.36, -8.63
CIELCh	86, 28.685, 197.509
Yxy	67.7101, 0.2577, 0.3288
Android (android.graphics.Color)	4287293158 (0xFF8AE6E6)
YUV	202.4920, 13.5614, -56.5595
Hunter-Lab	82.2861, -28.8977, -3.7429

Details

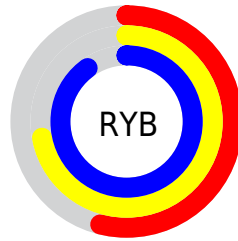
The XYZ color **53.0610, 67.7101, 85.1357** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **46.3114, 36.8370, 28.7166**, and the grayscale version is **56.3905, 59.3272, 64.6073**.

A 20% lighter version of the original color is **76.5750, 90.4758, 108.0354**, and **26.2673, 35.1166, 45.9512** is the 20% darker color. If you saturate the color by 10%, you get **49.6517, 65.9542, 84.9772**, and if you desaturate by 10%, it is **57.2800, 69.8867, 85.3351**.

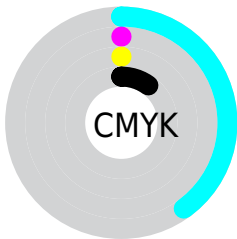
Distribution



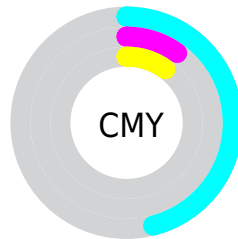
- Red (54%)
- Green (90%)
- Blue (90%)



- Red (54%)
- Yellow (72%)
- Blue (90%)



- Cyan (40%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (46%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0610, 67.7101, 85.1357 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 53.0610, 67.7101, 85.1357 by changing the saturation by 10% instead.

■ 53.0610, 67.7101,
85.1357

■ 53.0610, 67.7101,
85.1357

388.7761,
452.4682, 532.2333

■ 38.0791, 49.6619,
63.4027

■ 93.8591, 115.9373,
142.4386

■ 26.2216, 35.1448,
45.7240

■ 120.4061,
146.8852, 178.8456

■ 17.1231, 23.7745,
31.6810

151.5388,
182.9017, 220.9810

■ 10.4181, 15.1664,
20.8551

187.6227,
224.3713, 269.2634

■ 5.7414, 8.9363,
12.8279

229.0229,
271.6783, 324.1113

■ 2.7277, 4.6996,
7.1808

276.1051,

■ 1.0114, 2.0721,

325.2072, 385.9432

3.4953

329.2343,
385.3424, 455.1777

■ 0.0000, 0.6489,
1.3528

■ 0.0000, 0.0000,
0.1045

■ 53.0610, 67.7101,
85.1357

■ 53.0610, 67.7101,
85.1357

■ 49.6517, 65.9542,
84.9772

■ 57.2800, 69.8867,
85.3351

■ 46.9949, 64.5846,
84.8524

■ 62.3496, 72.5002,
85.5728

■ 45.0353, 63.5744,
84.7603

■ 68.3150, 75.5754,
85.8524

■ 43.7076, 62.8899,
84.6977

■ 75.2164, 79.1332,
86.1758

■ 42.9341, 62.4912,
84.6611

■ 83.0918, 83.1931,
86.5448

■ 42.5806, 62.3089,
84.6441

■ 83.8216, 83.5693,
86.5794

■ 42.5806, 62.3089,
84.6441

■ 83.8217, 83.5694,
86.5798

■ 83.8218, 83.5694,
86.5803

■ 83.8219, 83.5694,
86.5807

Harmonies

Analogous

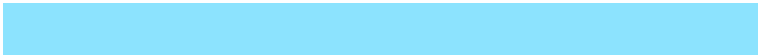
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.8101, 67.7101, 66.1841



53.0610, 67.7101, 85.1357



56.2066, 67.7101, 103.6994

Triad

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



53.0610, 67.7101, 85.1357



74.1128, 67.7101, 100.9175



67.1234, 67.7101, 43.7805

Complementary

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



53.0610, 67.7101, 85.1357



46.3114, 36.8370, 28.7166

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.



73.2583, 67.7101, 50.1665



53.0610, 67.7101, 85.1357



77.4738, 67.7101, 81.8176

Square

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



53.0610, 67.7101, 85.1357



68.2263, 67.7101, 113.8209



77.1508, 67.7101, 63.3820



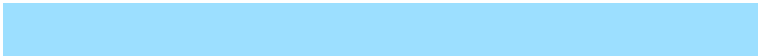
60.6357, 67.7101, 44.3613

Rectangle

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



53.0610, 67.7101, 85.1357



59.6507, 67.7101, 112.3920



77.1508, 67.7101, 63.3820



69.3033, 67.7101, 45.1313

Sweetspot

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



53.0630, 67.7128, 85.1373



84.6745, 94.6512, 108.4138



43.6231, 63.9663, 34.0939



17.9045, 20.1462, 23.1947



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.



53.0630, 67.7128, 85.1373



63.4193, 83.6938, 107.4170



42.2270, 46.0402, 81.5269



14.8075, 16.3364, 18.5170



24.1058, 35.2744, 47.9189



1.7813, 2.6067, 3.5411

Inverse Universe

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



46.3114, 36.8370, 28.7166



53.7791, 39.6082, 26.8575



54.0467, 52.3078, 31.2942



14.3771, 14.3680, 14.9201



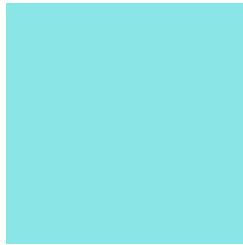
18.4751, 9.5242, 0.8648



1.3652, 0.7038, 0.0639

Previews

White Background



This preview shows how the XYZ color 53.0610, 67.7101, 85.1357 looks on a white background.

Color Contrast Check

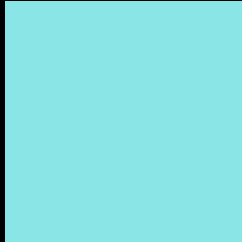
Large Text (above 18pt) WCAG AA × Fail

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 53.0610, 67.7101, 85.1357 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

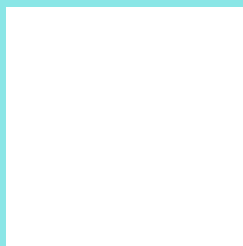
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0610, 67.7101, 85.1357

Background



This preview shows how black text looks on a background with the XYZ color 53.0610, 67.7101, 85.1357.



This preview shows how white text looks on a background with the XYZ color 53.0610, 67.7101,

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

53.0610, 67.7101, 85.1357

Protanopia

64.6486, 66.8004, 76.5042

Deuteranopia

68.6026, 67.1175, 87.9365



Tritanopia

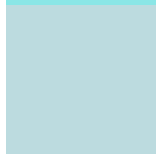
55.5333, 67.8914, 97.3662

Trichromacy



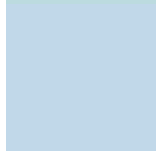
Original Color

53.0610, 67.7101, 85.1357



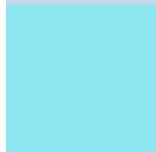
Protanomaly

59.3898, 66.6821, 79.5528



Deuteranomaly

61.2562, 66.3324, 86.6657



Tritanomaly

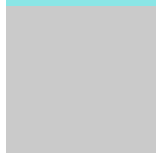
54.7320, 67.9926, 92.6773

Monochromacy



Original Color

53.0610, 67.7101, 85.1357



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

54.0176, 61.4241, 71.2964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0610, 67.7101, 85.1357 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, 230, 230)` looks like.

```
.text, #text, p{  
    color:rgb(138, 230, 230)  
}
```

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, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 230, 230) }
```

Border

The CSS property to change the border of an element to XYZ 53.0610, 67.7101, 85.1357 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, 230, 230) }
```


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

```
.border{ border-color:rgb(138, 230, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 230, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(138, 230,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0610, 67.7101, 85.1357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 230, 230) }
```

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

```
.background{ background-color: rgb(138,  
230, 230) }
```

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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