

Converting Colors

XYZ(53.0807, 65.1734, 77.4929)

Have a look what the booklet for
XYZ(53.0807, 65.1734, 77.4929)
contains.

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Color

**XYZ(53.0162, 65.0106,
77.4642)**

Conversions

Conversions Part 1

Format	Color
Hex	9CDFDC
RGB	156, 223, 220
RGB Percent	61%, 87%, 86%
CMY	0.3882, 0.1255, 0.1372
CMYK	0.30, 0.00, 0.01, 0.13
HSL	177°, 51%, 74%
HSV	177°, 30%, 87%
XYZ	53.0162, 65.0106, 77.4642
YIQ	202.6250, -38.9690, -15.1370

Conversions

Conversions Part 2

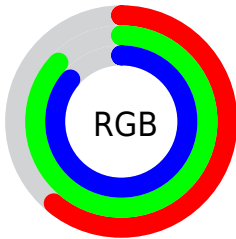
Format	Color
RYB	156, 190, 223
Decimal	10280924
CIELab	84.49, -21.56, -5.29
CIElCh	84, 22.196, 193.778
Yxy	65.0106, 0.2712, 0.3326
Android (android.graphics.Color)	4288471004 (0xFF9CDFDC)
YUV	202.6250, 8.5659, -40.8901
Hunter-Lab	80.6292, -23.7317, -0.5223

Details

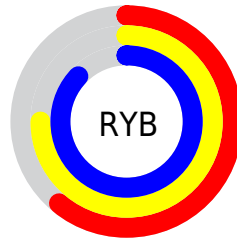
The XYZ color **53.0162, 65.0106, 77.4642** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.5801, 41.9698, 38.3438**, and the grayscale version is **56.4967, 59.4389, 64.7289**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **26.2737, 33.5467, 40.6877** is the 20% darker color. If you saturate the color by 10%, you get **48.9594, 62.9361, 76.5868**, and if you desaturate by 10%, it is **57.8698, 67.4990, 78.3858**.

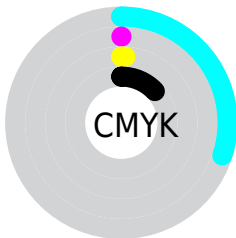
Distribution



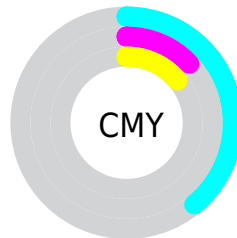
- Red (61%)
- Green (87%)
- Blue (86%)



- Red (61%)
- Yellow (75%)
- Blue (87%)



- Cyan (30%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)





- Cyan (39%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0162, 65.0106, 77.4642 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 53.0162, 65.0106, 77.4642 by changing the saturation by 10% instead.


 53.0162, 65.0106,
77.4642


 53.0162, 65.0106,
77.4642


388.6071,
442.8301, 505.8249

 38.0432, 47.4697,
57.1201


 93.7936, 112.0651,
131.5735

 26.1936, 33.4071,
40.6917


 120.3287,
142.3475, 166.1758

 17.1020, 22.4385,
27.7604


151.4486,
177.6458, 206.3680

 10.4030, 14.1795,
17.9076

187.5187,
218.3444, 252.5685

 5.7313, 8.2456,
10.7149

228.9042,
264.8277, 305.1959

 2.7215, 4.2525,
5.7637

275.9705,

 1.0082, 1.8158,

317.4802, 364.6687

2.6355

329.0830,
376.6862, 431.4056

■ 0.0000, 0.4970,
0.9107

■ 0.0000, 0.0000,
0.0000

■ 53.0162, 65.0106,
77.4642

■ 53.0162, 65.0106,
77.4642

■ 48.9594, 62.9361,
76.5868

■ 57.8698, 67.4990,
78.3858

■ 45.6503, 61.2454,
75.7471

■ 63.5546, 70.4142,
79.3491

■ 43.0432, 59.9164,
74.9443

■ 70.1099, 73.7781,
80.3573

■ 41.0851, 58.9220,
74.1761

■ 77.5708, 77.6087,
81.4120

■ 39.7155, 58.2308,
73.4395

■ 81.2192, 79.4738,
82.2924

■ 38.8624, 57.8058,
72.7311

■ 81.3560, 79.5285,
83.0127

■ 38.4004, 57.5823,
72.0482

■ 81.4936, 79.5836,
83.7372

■ 81.6320, 79.6389,
84.4659

■ 81.7712, 79.6946,
85.1988

Harmonies

Analogous

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



53.1110, 65.0106, 63.4540



53.0162, 65.0106, 77.4642



55.1825, 65.0106, 91.3254

Triad

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



53.0162, 65.0106, 77.4642



68.5986, 65.0106, 92.3016



64.4826, 65.0106, 47.7449

Complementary

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



53.0162, 65.0106, 77.4642



48.5801, 41.9698, 38.3438

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.



68.9063, 65.0106, 53.5823



53.0162, 65.0106, 77.4642



71.3679, 65.0106, 78.6610

Square

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



53.0162, 65.0106, 77.4642



64.0806, 65.0106, 100.6320



71.4834, 65.0106, 64.5021



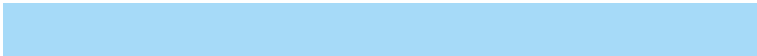
59.5558, 65.0106, 47.5142

Rectangle

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



53.0162, 65.0106, 77.4642



57.6876, 65.0106, 98.1033



71.4834, 65.0106, 64.5021



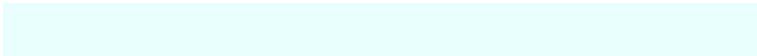
66.0837, 65.0106, 49.0774

Sweetspot

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



53.0181, 65.0132, 77.4657



86.9398, 95.8381, 107.6584



46.7579, 62.5851, 41.0694



18.3478, 20.3795, 23.0014



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.



53.0181, 65.0132, 77.4657



68.2998, 86.2855, 104.2275



46.0683, 50.4713, 77.1290



14.0886, 15.5612, 17.5020



22.5894, 33.8606, 42.4226



1.5741, 2.3504, 2.9844

Inverse Universe

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



48.5801, 41.9698, 38.3438



61.3769, 50.3271, 43.1908



54.0249, 53.2715, 38.8886



13.7320, 13.7104, 14.3589



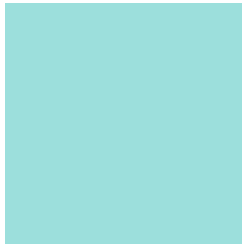
17.9364, 9.2416, 1.0649



1.2522, 0.6441, 0.1207

Previews

White Background



This preview shows how the XYZ color 53.0162, 65.0106, 77.4642 looks on a white background.

Color Contrast Check

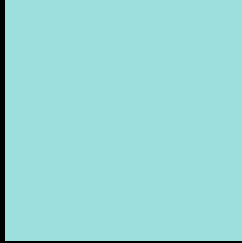
Large Text (above 18pt) WCAG AA × Fail

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 53.0162, 65.0106, 77.4642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

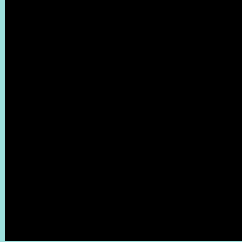
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

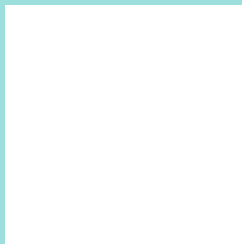
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0162, 65.0106, 77.4642

Background



This preview shows how black text looks on a background with the XYZ color 53.0162, 65.0106, 77.4642.

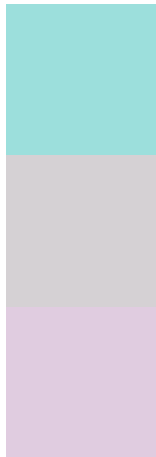


This preview shows how white text looks on a background with the XYZ color 53.0162, 65.0106,

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

53.0162, 65.0106, 77.4642

Protanopia

62.1247, 64.5005, 71.4629

Deuteranopia

65.7879, 64.4148, 79.4869



Tritanopia

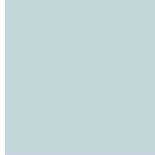
55.5230, 64.8330, 90.4766

Trichromacy



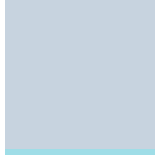
Original Color

53.0162, 65.0106, 77.4642



Protanomaly

58.0505, 64.2059, 73.6234



Deuteranomaly

60.1667, 64.0584, 79.0054



Tritanomaly

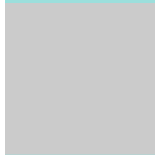
54.5783, 64.8534, 85.2427

Monochromacy



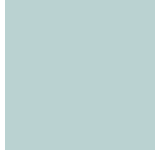
Original Color

53.0162, 65.0106, 77.4642



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

54.8049, 61.1357, 69.2335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0162, 65.0106, 77.4642 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(156, 223, 220)` looks like.

```
.text, #text, p{  
    color:rgb(156, 223, 220)  
}
```

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(156, 223, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 223, 220) }
```

Border

The CSS property to change the border of an element to XYZ 53.0162, 65.0106, 77.4642 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(156, 223, 220) }
```


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

```
.border{ border-color:rgb(156, 223, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 223, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 223, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 223, 220);  
box-shadow:4px 4px 4px 4px rgb(156, 223,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0162, 65.0106, 77.4642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 223, 220) }
```

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

```
.background{ background-color: rgb(156,  
223, 220) }
```

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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