

Converting Colors

XYZ(53.2715, 65.9383, 81.2993)

Have a look what the booklet for
XYZ(53.2715, 65.9383, 81.2993)
contains.

| | |
|--|----|
| XYZ(53.2783, 65.8660, 81.1395) | 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(53.2783, 65.8660,
81.1395)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 97E1E1 |
| RGB | 151, 225, 225 |
| RGB Percent | 59%, 88%, 88% |
| CMY | 0.4078, 0.1176, 0.1176 |
| CMYK | 0.33, 0.00, 0.00, 0.12 |
| HSL | 180°, 55%, 74% |
| HSV | 180°, 33%, 88% |
| XYZ | 53.2783, 65.8660, 81.1395 |
| YIQ | 202.8740, -44.1040, -15.6880 |

Conversions

Conversions Part 2

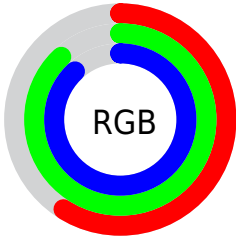
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 151, 188, 225 |
| Decimal | 9953761 |
| CIELab | 84.93, -22.77, -7.31 |
| CIELCh | 85, 23.916, 197.796 |
| Yxy | 65.8660, 0.2660, 0.3289 |
| Android (android.graphics.Color) | 4288143841 (0xFF97E1E1) |
| YUV | 202.8740, 10.9081, -45.4935 |
| Hunter-Lab | 81.1579, -24.8451, -2.4661 |

Details

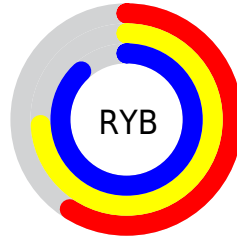
The XYZ color **53.2783, 65.8660, 81.1395** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.7061, 40.3770, 34.5598**, and the grayscale version is **56.6408, 59.5905, 64.8941**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **26.4543, 34.1385, 43.2253** is the 20% darker color. If you saturate the color by 10%, you get **49.4949, 63.9172, 80.9633**, and if you desaturate by 10%, it is **57.8624, 68.2308, 81.3560**.

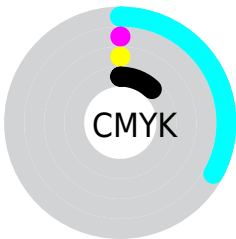
Distribution



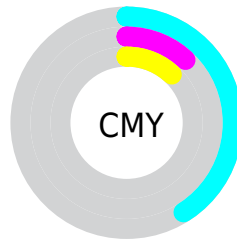
- Red (59%)
- Green (88%)
- Blue (88%)



- Red (59%)
- Yellow (74%)
- Blue (88%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)





- Cyan (41%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2783, 65.8660, 81.1395 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 53.2783, 65.8660, 81.1395 by changing the saturation by 10% instead.

 53.2783, 65.8660,
81.1395


 53.2783, 65.8660,
81.1395


389.5953,
445.8975, 518.5725

 38.2534, 48.1636,
60.1248


 94.1769, 113.2940,
136.7925

 26.3575, 33.9565,
43.0933

 120.7812,
143.7884, 172.2678

 17.2254, 22.8602,
29.6264

151.9761,
179.3156, 213.4005

 10.4916, 14.4903,
19.3055

188.1268,
220.2600, 260.6090

 5.7908, 8.4625,
11.7122

229.5987,
267.0060, 314.3120

 2.7578, 4.3923,
6.4279

276.7572,

 1.0270, 1.8953,

319.9380, 374.9278

3.0340

329.9676,
379.4404, 442.8751

■ 0.0000, 0.5456,
1.1120

■ 0.0000, 0.0000,
0.0000

■ 53.2783, 65.8660,
81.1395

■ 53.2783, 65.8660,
81.1395

■ 49.4949, 63.9172,
80.9633

■ 57.8624, 68.2308,
81.3560

■ 46.4611, 62.3532,
80.8207

■ 63.2834, 71.0254,
81.6103

■ 44.1286, 61.1508,
80.7110

■ 69.5820, 74.2725,
81.9056

■ 42.4413, 60.2810,
80.6315

■ 76.7949, 77.9908,
82.2438

■ 41.3345, 59.7105,
80.5791

■ 81.7577, 80.5492,
82.4766

■ 40.7302, 59.3989,
80.5503

■ 81.7578, 80.5493,
82.4772

■ 40.5164, 59.2887,
80.5398

■ 81.7579, 80.5493,
82.4778

■ 81.7580, 80.5494,
82.4783

■ 81.7582, 80.5494,
82.4789

Harmonies

Analogous

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



53.0445, 65.8660, 65.6460



53.2783, 65.8660, 81.1395



55.9206, 65.8660, 95.9271

Triad

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



53.2783, 65.8660, 81.1395



70.5678, 65.8660, 93.4716



64.8117, 65.8660, 46.5236

Complementary

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



53.2783, 65.8660, 81.1395



47.7061, 40.3770, 34.5598

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.



69.7990, 65.8660, 51.9668



53.2783, 65.8660, 81.1395



73.2474, 65.8660, 78.1510

Square

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



53.2783, 65.8660, 81.1395



65.8127, 65.8660, 103.7173



72.9582, 65.8660, 63.0535



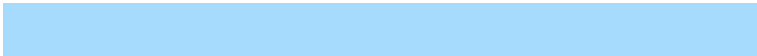
59.5007, 65.8660, 47.0854

Rectangle

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



53.2783, 65.8660, 81.1395



58.7823, 65.8660, 102.7258



72.9582, 65.8660, 63.0535



66.5871, 65.8660, 47.6754

Sweetspot

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



53.2802, 65.8686, 81.1410



86.2827, 95.4803, 108.4889



45.5057, 62.7854, 38.9999



18.2251, 20.3115, 23.2097



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.



53.2802, 65.8686, 81.1410



67.4328, 85.7629, 107.6046



44.6029, 48.5133, 78.2503



14.1166, 15.5724, 17.6493



23.3464, 34.1634, 46.4088



1.6183, 2.3680, 3.2168

Inverse Universe

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



47.7061, 40.3770, 34.5598



59.0161, 47.2714, 37.2684



54.3604, 53.6859, 36.7768



13.7073, 13.7006, 14.2289



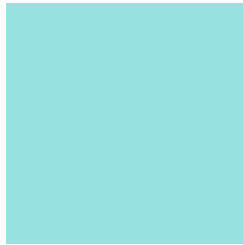
17.8932, 9.2243, 0.8376



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 53.2783, 65.8660, 81.1395 looks on a white background.

Color Contrast Check

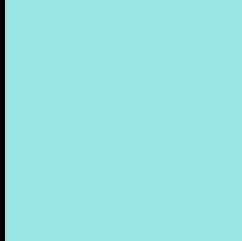
Large Text (above 18pt) WCAG AA × Fail

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 53.2783, 65.8660, 81.1395 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

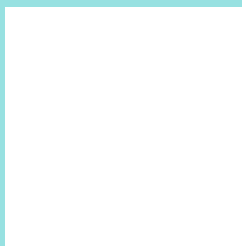
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2783, 65.8660, 81.1395

Background



This preview shows how black text looks on a background with the XYZ color 53.2783, 65.8660, 81.1395.

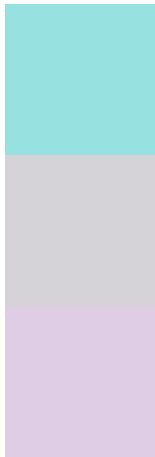


This preview shows how white text looks on a background with the XYZ color 53.2783, 65.8660,

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

53.2783, 65.8660, 81.1395

Protanopia

62.8818, 65.1972, 74.2358

Deuteranopia

66.4056, 65.0078, 83.1765



Tritanopia

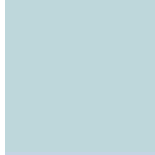
55.6334, 66.0352, 92.2519

Trichromacy



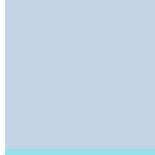
Original Color

53.2783, 65.8660, 81.1395



Protanomaly

58.3218, 64.6625, 76.4251



Deuteranomaly

60.5730, 64.5587, 82.6673



Tritanomaly

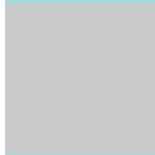
54.9775, 66.1795, 88.4736

Monochromacy



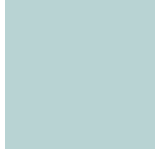
Original Color

53.2783, 65.8660, 81.1395



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

54.8193, 61.4820, 70.6059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2783, 65.8660, 81.1395 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, 225, 225)` looks like.

```
.text, #text, p{  
    color:rgb(151, 225, 225)  
}
```

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, 225, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 225, 225) }
```

Border

The CSS property to change the border of an element to XYZ 53.2783, 65.8660, 81.1395 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, 225, 225) }
```


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

```
.border{ border-color:rgb(151, 225, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 225, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 225, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 225, 225);  
box-shadow:4px 4px 4px 4px rgb(151, 225,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2783, 65.8660, 81.1395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 225, 225) }
```

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

```
.background{ background-color: rgb(151,  
225, 225) }
```

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