

Converting Colors

XYZ(52.5484, 65.4897, 81.1053)

Have a look what the booklet for
XYZ(52.5484, 65.4897, 81.1053)
contains.

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Color

**XYZ(52.5484, 65.4897,
81.1053)**

Conversions

Conversions Part 1

Format	Color
Hex	93E1E1
RGB	147, 225, 225
RGB Percent	58%, 88%, 88%
CMY	0.4235, 0.1176, 0.1176
CMYK	0.35, 0.00, 0.00, 0.12
HSL	180°, 57%, 73%
HSV	180°, 35%, 88%
XYZ	52.5484, 65.4897, 81.1053
YIQ	201.6780, -46.4880, -16.5360

Conversions

Conversions Part 2

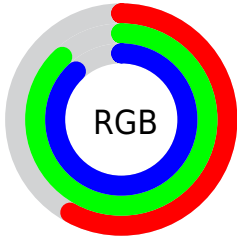
Format	Color
RYB	147, 186, 225
Decimal	9691617
CIELab	84.74, -23.83, -7.62
CIElCh	85, 25.021, 197.722
Yxy	65.4897, 0.2639, 0.3289
Android (android.graphics.Color)	4287881697 (0xFF93E1E1)
YUV	201.6780, 11.4977, -47.9526
Hunter-Lab	80.9257, -25.7126, -2.7736

Details

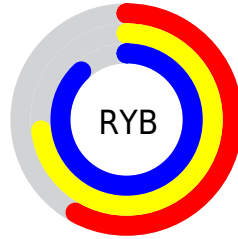
The XYZ color **52.5484, 65.4897, 81.1053** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.7537, 38.9834, 32.6665**, and the grayscale version is **55.8914, 58.8021, 64.0355**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **25.8573, 33.5535, 43.1439** is the 20% darker color. If you saturate the color by 10%, you get **48.9021, 63.6116, 80.9355**, and if you desaturate by 10%, it is **56.9877, 67.7798, 81.3150**.

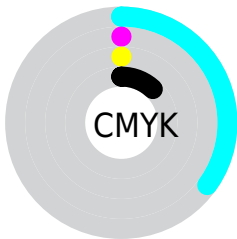
Distribution



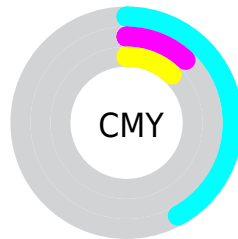
- Red (58%)
- Green (88%)
- Blue (88%)



- Red (58%)
- Yellow (73%)
- Blue (88%)



- Cyan (35%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)





- Cyan (42%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5484, 65.4897, 81.1053 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 52.5484, 65.4897, 81.1053 by changing the saturation by 10% instead.


 52.5484, 65.4897,
81.1053


 52.5484, 65.4897,
81.1053


386.8394,
444.5497, 518.4547

 37.6684, 47.8583,
60.0968

 93.1090, 112.7536,
136.7440

 25.9015, 33.7147,
43.0709

 119.5202,
143.1549, 172.2113

 16.8822, 22.6745,
29.6089


150.5060,
178.5815, 213.3353

 10.2454, 14.3533,
19.2924

186.4316,
219.4180, 260.5346

 5.6254, 8.3668,
11.7028

227.6624,
266.0486, 314.2276

 2.6572, 4.3306,
6.4216

274.5637,

 0.9752, 1.8601,

318.8579, 374.8329

3.0302

327.5009,
378.2301, 442.7691

0.0000, 0.5242,
1.1101

0.0000, 0.0000,
0.0000

52.5484, 65.4897,
81.1053

52.5484, 65.4897,
81.1053

48.9021, 63.6116,
80.9355

56.9877, 67.7798,
81.3150

45.9967, 62.1138,
80.7990

62.2566, 70.4960,
81.5621

43.7832, 60.9727,
80.6949

68.3965, 73.6612,
81.8500

42.2042, 60.1587,
80.6205

75.4442, 77.2945,
82.1804

■ 41.1929, 59.6374,
80.5726

■ 81.7576, 80.5492,
82.4763

■ 40.6681, 59.3669,
80.5475

■ 81.7577, 80.5492,
82.4769

■ 40.5165, 59.2887,
80.5402

■ 81.7578, 80.5492,
82.4774

■ 81.7579, 80.5493,
82.4780

■ 81.7580, 80.5493,
82.4785

Harmonies

Analogous

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



52.3125, 65.4897, 64.9524



52.5484, 65.4897, 81.1053



55.2841, 65.4897, 96.6253

Triad

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



52.5484, 65.4897, 81.1053



70.5519, 65.4897, 94.1130



64.5624, 65.4897, 45.2345

Complementary

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



52.5484, 65.4897, 81.1053



46.7537, 38.9834, 32.6665

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.



69.7692, 65.4897, 50.8497



52.5484, 65.4897, 81.1053



73.3636, 65.4897, 78.0635

Square

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



52.5484, 65.4897, 81.1053



65.5793, 65.4897, 104.8746



73.0688, 65.4897, 62.3317



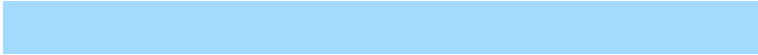
59.0276, 65.4897, 45.7961

Rectangle

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



52.5484, 65.4897, 81.1053



58.2551, 65.4897, 103.7946



73.0688, 65.4897, 62.3317



66.4151, 65.4897, 46.4227

Sweetspot

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



52.5503, 65.4923, 81.1068



86.2827, 95.4803, 108.4890



44.4607, 62.2835, 37.2837



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.



52.5503, 65.4923, 81.1068



66.0041, 85.0263, 107.5377



43.4592, 47.3094, 78.0782



14.1166, 15.5724, 17.6493



23.3465, 34.1634, 46.4091



1.6183, 2.3680, 3.2169

Inverse Universe

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



46.7537, 38.9834, 32.6665



57.1519, 44.5435, 33.5625



53.6064, 52.6889, 34.9497



13.7073, 13.7006, 14.2289



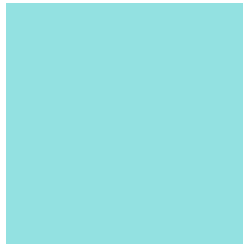
17.8932, 9.2243, 0.8376



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 52.5484, 65.4897, 81.1053 looks on a white background.

Color Contrast Check

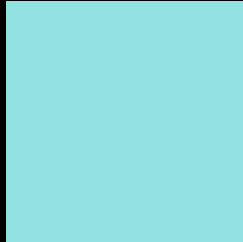
Large Text (above 18pt) WCAG AA × Fail

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 52.5484, 65.4897, 81.1053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

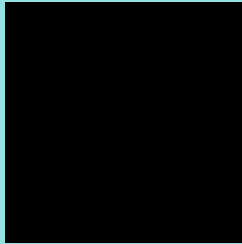
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5484, 65.4897, 81.1053

Background



This preview shows how black text looks on a background with the XYZ color 52.5484, 65.4897, 81.1053.

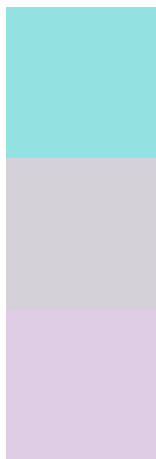


This preview shows how white text looks on a background with the XYZ color 52.5484, 65.4897,

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

52.5484, 65.4897, 81.1053

Protanopia

62.6357, 64.7049, 74.1538

Deuteranopia

66.0984, 64.8494, 83.1622



Tritanopia

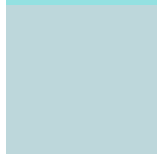
55.0274, 65.7055, 93.0013

Trichromacy



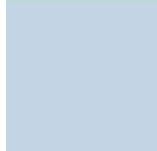
Original Color

52.5484, 65.4897, 81.1053



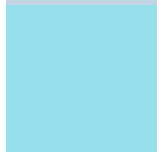
Protanomaly

58.0729, 64.5342, 76.4134



Deuteranomaly

60.0528, 64.2905, 82.6430



Tritanomaly

54.2287, 65.7935, 88.4385

Monochromacy



Original Color

52.5484, 65.4897, 81.1053



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

53.9709, 60.6914, 69.8428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5484, 65.4897, 81.1053 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(147, 225, 225)` looks like.

```
.text, #text, p{  
    color:rgb(147, 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(147, 225, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 225, 225) }
```

Border

The CSS property to change the border of an element to XYZ 52.5484, 65.4897, 81.1053 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(147, 225, 225) }
```


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

```
.border{ border-color:rgb(147, 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(147, 225, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 225, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 225, 225);  
box-shadow:4px 4px 4px 4px rgb(147, 225,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5484, 65.4897, 81.1053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 225, 225) }
```

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

```
.background{ background-color: rgb(147,  
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](#).

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