

Converting Colors

XYZ(34.4863, 54.7597, 53.7036)

Have a look what the booklet for
XYZ(34.4863, 54.7597, 53.7036)
contains.

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Color

**XYZ(34.4713, 54.7759,
53.5557)**

Conversions

Conversions Part 1

Format	Color
Hex	16DCB7
RGB	22, 220, 183
RGB Percent	9%, 86%, 72%
CMY	0.9137, 0.1372, 0.2823
CMYK	0.90, 0.00, 0.17, 0.14
HSL	169°, 82%, 47%
HSV	169°, 90%, 86%
XYZ	34.4713, 54.7759, 53.5557
YIQ	156.5800, -106.1310, -53.4830

Conversions

Conversions Part 2

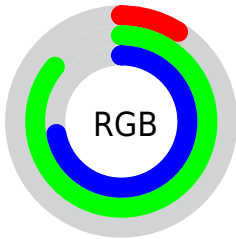
Format	Color
RYB	22, 131, 220
Decimal	1498295
CIELab	78.91, -52.53, 5.77
CIELCh	79, 52.850, 173.736
Yxy	54.7759, 0.2414, 0.3836
Android (android.graphics.Color)	4279688375 (0xFF16DCB7)
YUV	156.5800, 13.0251, -118.0267
Hunter-Lab	74.0107, -46.3805, 8.9041

Details

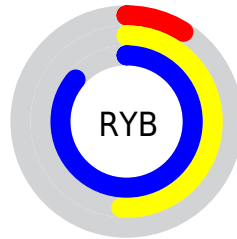
The XYZ color **34.4713, 54.7759, 53.5557** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **30.5935, 16.1067, 5.6369**, and the grayscale version is **31.8399, 33.4981, 36.4794**.

A 20% lighter version of the original color is **58.0221, 81.1967, 94.2758**, and **17.3047, 28.1626, 25.6430** is the 20% darker color. If you saturate the color by 10%, you get **33.7199, 54.4386, 51.3200**, and if you desaturate by 10%, it is **35.6154, 55.3169, 55.8775**.

Distribution



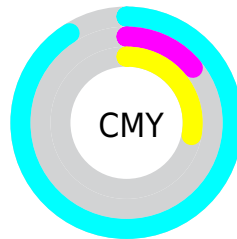
- Red (9%)
- Green (86%)
- Blue (72%)



- Red (9%)
- Yellow (51%)
- Blue (86%)



- Cyan (90%)
- Magenta (0%)
- Yellow (17%)
- Black (14%)





- Cyan (91%)
- Magenta (14%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4713, 54.7759, 53.5557 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 34.4713, 54.7759, 53.5557 by changing the saturation by 10% instead.


 34.4713, 54.7759,
53.5557


 34.4713, 54.7759,
53.5557


313.7775,
405.0619, 417.5401


 23.4205, 39.2223,
37.8558


 66.0053, 97.2125,
96.8714


 15.0267, 26.9327,
25.5698


 87.2193, 124.8644,
125.3243

 8.9246, 17.5227,
16.2792

 112.5517,
157.3178, 158.8652

 4.7487, 10.6079,
9.5655

 142.3679,
194.9571, 197.9128

 2.1338, 5.8038,
5.0100

 177.0332,
238.1668, 242.8855

 0.7075, 2.7262,
2.1943

216.9130,

 0.0000, 0.9905,

287.3313, 294.2020

0.6711

262.3727,
342.8348, 352.2806

■ 0.0000, 0.0000,
0.0000

■ 34.4713, 54.7759,
53.5557

■ 34.4713, 54.7759,
53.5557

■ 33.7199, 54.4386,
51.3200

■ 35.6154, 55.3169,
55.8775

■ 33.7193, 54.4383,
51.3182

■ 37.2710, 56.1187,
58.2878

■ 39.5089, 57.2193,
60.7917

■ 42.3880, 58.6489,
63.3925

■ 45.9594, 60.4340,
66.0932

■ 50.2693, 62.5982,
68.8963

■ 55.3597, 65.1634,
71.8043

■ 61.2696, 68.1494,
74.8197

■ 68.0351, 71.5750,
77.9445

Harmonies

Analogous

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



37.4297, 54.7759, 31.5743



34.4713, 54.7759, 53.5557



35.6904, 54.7759, 86.0564

Triad

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



34.4713, 54.7759, 53.5557



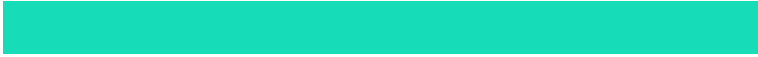
60.6142, 54.7759, 129.7207



64.9333, 54.7759, 24.1285

Complementary

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



34.4713, 54.7759, 53.5557



30.5935, 16.1067, 5.6369

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.



72.8039, 54.7759, 39.2744



34.4713, 54.7759, 53.5557



70.0852, 54.7759, 100.7689

Square

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



34.4713, 54.7759, 53.5557



49.8920, 54.7759, 137.4973



74.8056, 54.7759, 66.1720



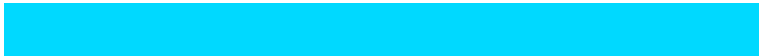
54.2957, 54.7759, 18.6676

Rectangle

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



34.4713, 54.7759, 53.5557



38.8024, 54.7759, 109.1749



74.8056, 54.7759, 66.1720



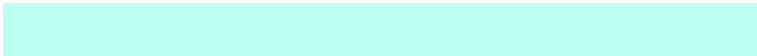
68.0450, 54.7759, 27.9480

Sweetspot

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



34.4728, 54.7780, 53.5570



72.0931, 88.3967, 97.3713



27.7017, 52.2580, 9.3868



14.9392, 18.6731, 20.5464



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.



34.4728, 54.7780, 53.5570



47.0644, 76.0418, 71.4483



25.9265, 30.6912, 72.2701



13.3350, 14.7856, 16.2273



19.8276, 31.9637, 30.3211



1.3121, 2.0818, 2.1095

Inverse Universe

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



30.5935, 16.1067, 5.6369



41.7665, 21.4706, 4.7023



32.6346, 21.2208, 3.1360



13.1550, 13.0911, 14.0773



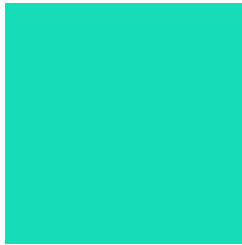
17.5885, 9.0364, 2.2129



1.1692, 0.5973, 0.3000

Previews

White Background



This preview shows how the XYZ color 34.4713, 54.7759, 53.5557 looks on a white background.

Color Contrast Check

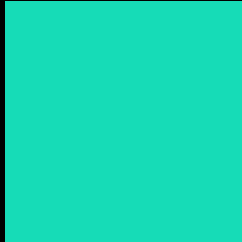
Large Text (above 18pt) WCAG AA × Fail

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 34.4713, 54.7759, 53.5557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

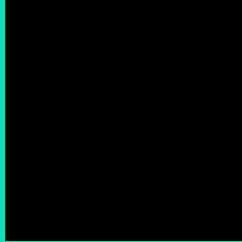
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

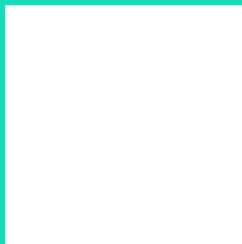
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.4713, 54.7759, 53.5557

Background



This preview shows how black text looks on a background with the XYZ color 34.4713, 54.7759, 53.5557.

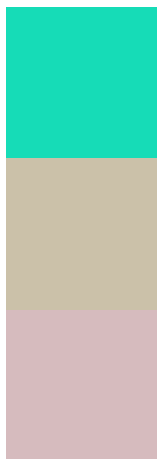


This preview shows how white text looks on a background with the XYZ color 34.4713, 54.7759,

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

34.4713, 54.7759, 53.5557

Protanopia

50.8600, 53.7010, 45.2208

Deuteranopia

54.7961, 53.5545, 56.1642



Tritanopia

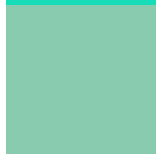
40.4648, 54.5163, 83.9913

Trichromacy



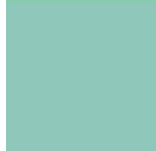
Original Color

34.4713, 54.7759, 53.5557



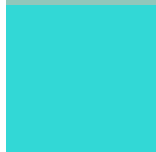
Protanomaly

39.3124, 51.0862, 47.8330



Deuteranomaly

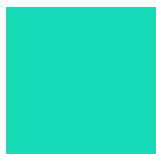
40.8947, 50.3640, 54.5796



Tritanomaly

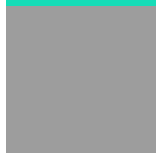
38.0089, 54.6449, 72.1626

Monochromacy



Original Color

34.4713, 54.7759, 53.5557



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

29.3885, 38.5838, 41.9749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4713, 54.7759, 53.5557 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(22, 220, 183)` looks like.

```
.text, #text, p{  
    color:rgb(22, 220, 183)  
}
```

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(22, 220, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 220, 183) }
```

Border

The CSS property to change the border of an element to XYZ 34.4713, 54.7759, 53.5557 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(22, 220, 183) }
```


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

```
.border{ border-color:rgb(22, 220, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 220, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 220, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 220, 183);  
box-shadow:4px 4px 4px 4px rgb(22, 220,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4713, 54.7759, 53.5557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 220, 183) }
```

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

```
.background{ background-color: rgb(22, 220,  
183) }
```

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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