

Converting Colors

XYZ(34.5958, 53.6098, 56.6719)

Have a look what the booklet for
XYZ(34.5958, 53.6098, 56.6719)
contains.

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Color

**XYZ(34.5938, 53.6069,
56.6680)**

Conversions

Conversions Part 1

Format	Color
Hex	20D9BD
RGB	32, 217, 189
RGB Percent	13%, 85%, 74%
CMY	0.8745, 0.1490, 0.2588
CMYK	0.85, 0.00, 0.13, 0.15
HSL	171°, 74%, 49%
HSV	171°, 85%, 85%
XYZ	34.5938, 53.6069, 56.6680
YIQ	158.4930, -101.2720, -47.9280

Conversions

Conversions Part 2

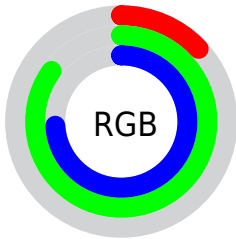
Format	Color
RYB	32, 132, 217
Decimal	2152893
CIELab	78.23, -49.18, 1.59
CIELCh	78, 49.208, 178.144
Yxy	53.6069, 0.2388, 0.3700
Android (android.graphics.Color)	4280342973 (0xFF20D9BD)
YUV	158.4930, 15.0400, -110.9344
Hunter-Lab	73.2167, -43.7907, 5.3627

Details

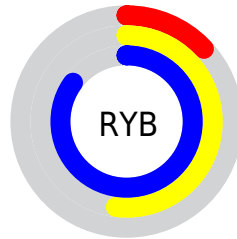
The XYZ color **34.5938, 53.6069, 56.6680** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **29.9492, 16.1125, 5.8087**, and the grayscale version is **32.6927, 34.3953, 37.4564**.

A 20% lighter version of the original color is **59.3117, 81.7574, 99.0409**, and **17.1888, 27.2673, 27.6497** is the 20% darker color. If you saturate the color by 10%, you get **33.7757, 53.2271, 54.7904**, and if you desaturate by 10%, it is **35.8660, 54.2223, 58.6114**.

Distribution



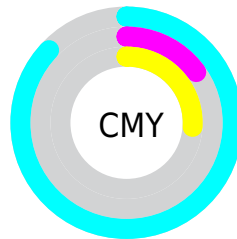
- Red (13%)
- Green (85%)
- Blue (74%)



- Red (13%)
- Yellow (52%)
- Blue (85%)



- Cyan (85%)
- Magenta (0%)
- Yellow (13%)
- Black (15%)





- Cyan (87%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5938, 53.6069, 56.6680 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 34.5938, 53.6069, 56.6680 by changing the saturation by 10% instead.


 34.5938, 53.6069,
56.6680


 34.5938, 53.6069,
56.6680


314.3113,
400.6092, 429.6629


 23.5152, 38.2875,
40.3312


 66.1942, 95.4968,
101.4761


 15.0972, 26.2059,
27.4811


 87.4467, 122.8361,
130.7845

 8.9744, 16.9777,
17.6992


 112.8212,
154.9508, 165.2538

 4.7814, 10.2186,
10.5671

 142.6831,
192.2253, 205.3025

 2.1530, 5.5441,
5.6660

 177.3976,
235.0440, 251.3493

 0.7178, 2.5699,
2.5776

217.3303,

 0.0000, 0.9116,

283.7913, 303.8126

0.8809

262.8464,
338.8516, 363.1109

■ 0.0000, 0.0000,
0.0000

■ 34.5938, 53.6069,
56.6680

■ 34.5938, 53.6069,
56.6680

■ 33.7757, 53.2271,
54.7904

■ 35.8660, 54.2223,
58.6114

■ 33.4818, 53.0947,
53.9166

■ 37.6630, 55.1061,
60.6205

■ 40.0479, 56.2920,
62.6999

■ 43.0736, 57.8073,
64.8523

■ 46.7870, 59.6762,
67.0800

■ 51.2308, 61.9206,
69.3855

■ 56.4440, 64.5608,
71.7707

■ 62.4629, 67.6152,
74.2376

■ 69.3215, 71.1016,
76.7881

Harmonies

Analogous

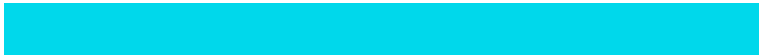
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.7857, 53.6069, 34.6137



34.5938, 53.6069, 56.6680



36.3052, 53.6069, 87.1291

Triad

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



34.5938, 53.6069, 56.6680



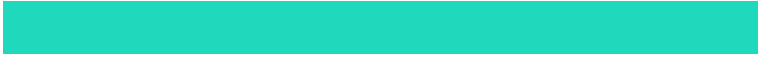
60.1953, 53.6069, 118.7342



61.3637, 53.6069, 23.9167

Complementary

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



34.5938, 53.6069, 56.6680



29.9492, 16.1125, 5.8087

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.



69.0870, 53.6069, 36.7563



34.5938, 53.6069, 56.6680



68.3549, 53.6069, 91.0728

Square

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



34.5938, 53.6069, 56.6680



50.3544, 53.6069, 129.0414



71.7920, 53.6069, 60.1033



51.5538, 53.6069, 19.7885

Rectangle

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



34.5938, 53.6069, 56.6680



39.5672, 53.6069, 107.4520



71.7920, 53.6069, 60.1033



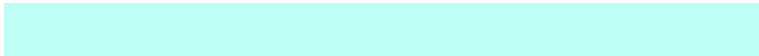
64.3341, 53.6069, 27.1080

Sweetspot

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



34.5953, 53.6090, 56.6693



73.1479, 88.8909, 99.6599



27.1147, 50.7835, 9.7406



15.1592, 18.7749, 21.0808



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.



34.5953, 53.6090, 56.6693



48.2066, 76.4986, 77.4627



24.8990, 28.8734, 69.9088



13.3557, 14.7939, 16.3362



20.2988, 32.1522, 32.8027



1.3385, 2.0924, 2.2486

Inverse Universe

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



29.9492, 16.1125, 5.8087



41.5996, 21.4038, 3.8236



32.8513, 22.8048, 4.0378



13.1360, 13.0835, 13.9773



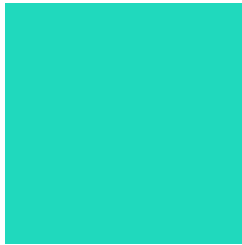
17.5114, 9.0056, 1.8071



1.1603, 0.5937, 0.2530

Previews

White Background



This preview shows how the XYZ color 34.5938, 53.6069, 56.6680 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 34.5938, 53.6069, 56.6680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

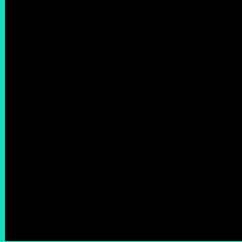
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

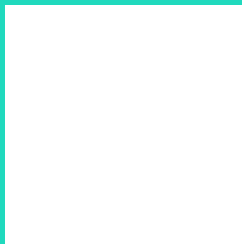
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.5938, 53.6069, 56.6680

Background



This preview shows how black text looks on a background with the XYZ color 34.5938, 53.6069, 56.6680.

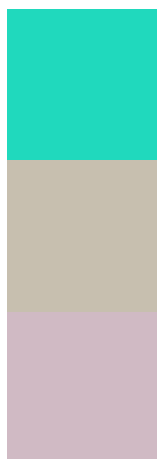


This preview shows how white text looks on a background with the XYZ color 34.5938, 53.6069,

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

34.5938, 53.6069, 56.6680

Protanopia

49.9219, 52.4989, 48.0596

Deuteranopia

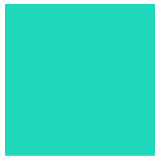
53.5351, 52.5132, 59.5390



Tritanopia

39.6171, 53.3695, 82.3420

Trichromacy



Original Color

34.5938, 53.6069, 56.6680



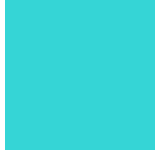
Protanomaly

39.3737, 50.0071, 50.7571



Deuteranomaly

41.0935, 49.7121, 57.8816



Tritanomaly

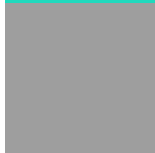
37.4000, 53.2004, 71.9158

Monochromacy



Original Color

34.5938, 53.6069, 56.6680



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

29.9636, 38.5495, 43.3977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5938, 53.6069, 56.6680 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(32, 217, 189)` looks like.

```
.text, #text, p{  
    color:rgb(32, 217, 189)  
}
```

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(32, 217, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 217, 189) }
```

Border

The CSS property to change the border of an element to XYZ 34.5938, 53.6069, 56.6680 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(32, 217, 189) }
```


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

```
.border{ border-color:rgb(32, 217, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 217, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 217, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 217, 189);  
box-shadow:4px 4px 4px 4px rgb(32, 217,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5938, 53.6069, 56.6680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 217, 189) }
```

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

```
.background{ background-color: rgb(32, 217,  
189) }
```

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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