

Converting Colors

XYZ(25.1683, 34.5352, 33.9889)

Have a look what the booklet for
XYZ(25.1683, 34.5352, 33.9889)
contains.

XYZ(25.1679, 34.5220, 34.1911)	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(25.1679, 34.5220,
34.1911)**

Conversions

Conversions Part 1

Format	Color
Hex	5FAD96
RGB	95, 173, 150
RGB Percent	37%, 68%, 59%
CMY	0.6274, 0.3216, 0.4118
CMYK	0.45, 0.00, 0.13, 0.32
HSL	162°, 32%, 53%
HSV	162°, 45%, 68%
XYZ	25.1679, 34.5220, 34.1911
YIQ	147.0560, -39.1050, -23.6890

Conversions

Conversions Part 2

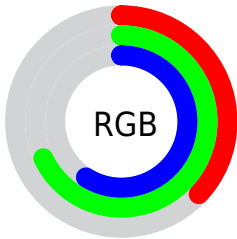
Format	Color
RYB	95, 141, 173
Decimal	6270358
CIELab	65.37, -29.68, 4.36
CIELCh	65, 29.997, 171.640
Yxy	34.5220, 0.2681, 0.3677
Android (android.graphics.Color)	4284460438 (0xFF5FAD96)
YUV	147.0560, 1.4514, -45.6531
Hunter-Lab	58.7554, -26.3615, 6.6266

Details

The XYZ color **25.1679, 34.5220, 34.1911** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **24.5970, 18.3776, 19.3917**, and the grayscale version is **27.7629, 29.2087, 31.8083**.

A 20% lighter version of the original color is **51.4961, 66.8823, 67.3222**, and **9.8053, 14.7651, 14.1375** is the 20% darker color. If you saturate the color by 10%, you get **23.1648, 33.5367, 31.9998**, and if you desaturate by 10%, it is **27.5899, 35.7230, 36.4968**.

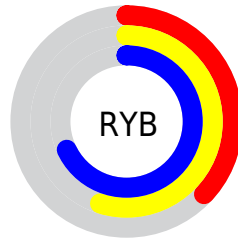
Distribution



Red (37%)

Green (68%)

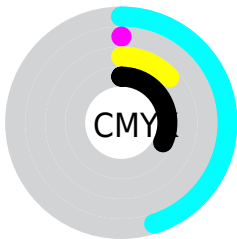
Blue (59%)



Red (37%)

Yellow (55%)

Blue (68%)

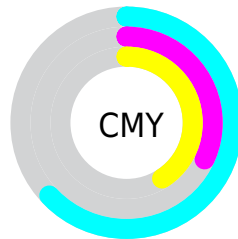


Cyan (45%)

Magenta (0%)

Yellow (13%)

Black (32%)



Cyan (63%)

Magenta (32%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1679, 34.5220, 34.1911 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 25.1679, 34.5220, 34.1911 by changing the saturation by 10% instead.

■ 25.1679, 34.5220,
34.1911

■ 25.1679, 34.5220,
34.1911

271.0053,
322.4534, 335.7785

■ 16.3316, 23.2949,
22.7619

■ 51.3704, 66.7446,
67.3680

■ 9.8514, 14.8114,
14.2141

■ 69.4673, 88.5089,
89.9528

■ 5.3621, 8.6871,
8.1293

■ 91.3818, 114.5544,
117.0932

■ 2.4982, 4.5377,
4.0888

■ 117.4792,
145.2654, 149.2078

■ 0.8943, 1.9787,
1.6742

148.1249,
181.0265, 186.7151

■ 0.0000, 0.5950,
0.3430

183.6843,

■ 0.0000, 0.0000,

222.2219, 230.0336

0.0000

224.5226,
269.2361, 279.5819

■ 25.1679, 34.5220,
34.1911

■ 25.1679, 34.5220,
34.1911

■ 23.1648, 33.5367,
31.9998

■ 27.5899, 35.7230,
36.4968

■ 21.5507, 32.7490,
29.9183

■ 30.4524, 37.1480,
38.9170

■ 20.2965, 32.1448,
27.9446


■ 33.7789, 38.8102,
41.4545


■ 19.3672, 31.7061,
26.0758

■ 37.5905, 40.7203,
44.1116


■ 18.7199, 31.4109,
24.3089


■ 41.9067, 42.8883,
46.8901

 18.4561, 31.2931,
23.4752

 46.7462, 45.3239,
49.7920

 52.1265, 48.0362,
52.8193

 58.0644, 51.0336,
55.9737

 64.5761, 54.3246,
59.2570

Harmonies

Analogous

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



26.6437, 34.5220, 24.5235



25.1679, 34.5220, 34.1911



25.5925, 34.5220, 47.1993

Triad

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



25.1679, 34.5220, 34.1911



36.0156, 34.5220, 64.7483



38.3189, 34.5220, 21.6755

Complementary

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



25.1679, 34.5220, 34.1911



24.5970, 18.3776, 19.3917

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.



41.2759, 34.5220, 29.3799



25.1679, 34.5220, 34.1911



39.8659, 34.5220, 54.6244

Square

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



25.1679, 34.5220, 34.1911



31.6033, 34.5220, 66.8443



41.8659, 34.5220, 41.2040



34.0514, 34.5220, 18.4248

Rectangle

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



25.1679, 34.5220, 34.1911



26.9142, 34.5220, 55.9922



41.8659, 34.5220, 41.2040



39.5143, 34.5220, 23.7367

Sweetspot

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



25.1689, 34.5234, 34.1919



61.0347, 69.7752, 74.6325



24.5359, 34.5944, 16.2113



12.9748, 15.0189, 16.0081



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.1689, 34.5234, 34.1919



41.5317, 60.0831, 57.3627



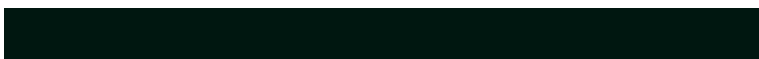
24.3880, 29.7008, 43.9841



8.1342, 9.0312, 9.7314



13.5842, 22.9989, 17.3818



0.4003, 0.6488, 0.6015

Inverse Universe

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



24.5970, 18.3776, 19.3917



40.3943, 27.5192, 27.5926



24.9411, 20.9932, 13.5647



8.0988, 8.0528, 8.8311



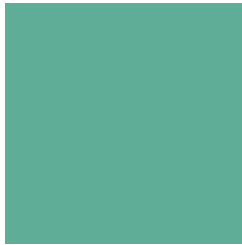
13.1222, 6.7114, 3.0230



0.3893, 0.1964, 0.2117

Previews

White Background



This preview shows how the XYZ color 25.1679, 34.5220, 34.1911 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 25.1679, 34.5220, 34.1911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

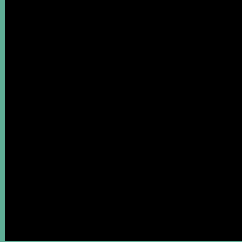
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.1679, 34.5220, 34.1911

Background



This preview shows how black text looks on a background with the XYZ color 25.1679, 34.5220, 34.1911.

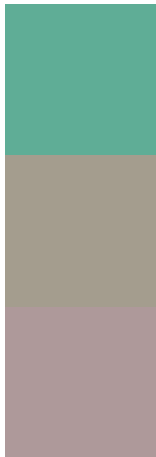


This preview shows how white text looks on a background with the XYZ color 25.1679, 34.5220,

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

25.1679, 34.5220, 34.1911

Protanopia

32.2493, 33.9594, 30.4463

Deuteranopia

34.6795, 34.1142, 35.3287



Tritanopia

28.1550, 34.3257, 49.3976

Trichromacy



Original Color

25.1679, 34.5220, 34.1911

Protanomaly

28.8555, 33.7277, 31.7773

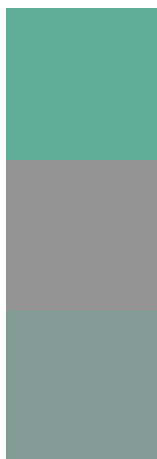
Deuteranomaly

29.9976, 33.4613, 35.0146

Tritanomaly

26.9973, 34.4184, 43.2507

Monochromacy



Original Color

25.1679, 34.5220, 34.1911

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.1358, 30.5042, 32.5274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1679, 34.5220, 34.1911 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(95, 173, 150)` looks like.

```
.text, #text, p{  
    color:rgb(95, 173, 150)  
}
```

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(95, 173, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 173, 150) }
```

Border

The CSS property to change the border of an element to XYZ 25.1679, 34.5220, 34.1911 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(95, 173, 150) }
```


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

```
.border{ border-color:rgb(95, 173, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 173, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 173, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 173, 150);  
box-shadow:4px 4px 4px 4px rgb(95, 173,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1679, 34.5220, 34.1911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 173, 150) }
```

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

```
.background{ background-color: rgb(95, 173,  
150) }
```

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