

Converting Colors

XYZ(25.5759, 34.1426, 35.2922)

Have a look what the booklet for
XYZ(25.5759, 34.1426, 35.2922)
contains.

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Color

**XYZ(25.5682, 34.1351,
35.3781)**

Conversions

Conversions Part 1

Format	Color
Hex	64AB99
RGB	100, 171, 153
RGB Percent	39%, 67%, 60%
CMY	0.6078, 0.3294, 0.4000
CMYK	0.42, 0.00, 0.11, 0.33
HSL	165°, 30%, 53%
HSV	165°, 42%, 67%
XYZ	25.5682, 34.1351, 35.3781
YIQ	147.7190, -36.5380, -20.6500

Conversions

Conversions Part 2

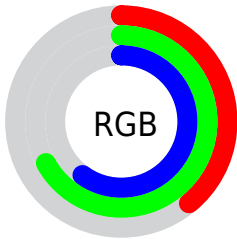
Format	Color
RYB	100, 141, 171
Decimal	6597529
CIELab	65.07, -26.67, 2.28
CIElCh	65, 26.767, 175.114
Yxy	34.1351, 0.2689, 0.3590
Android (android.graphics.Color)	4284787609 (0xFF64AB99)
YUV	147.7190, 2.6035, -41.8496
Hunter-Lab	58.4253, -24.1286, 4.9959

Details

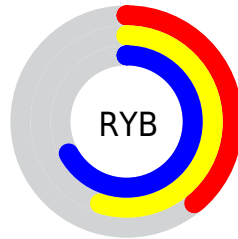
The XYZ color **25.5682, 34.1351, 35.3781** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **24.6229, 19.0811, 19.5261**, and the grayscale version is **28.0325, 29.4923, 32.1172**.

A 20% lighter version of the original color is **52.0580, 66.3132, 69.0875**, and **10.0034, 14.4970, 14.8413** is the 20% darker color. If you saturate the color by 10%, you get **23.5203, 33.1209, 33.4473**, and if you desaturate by 10%, it is **28.0280, 35.3619, 37.3976**.

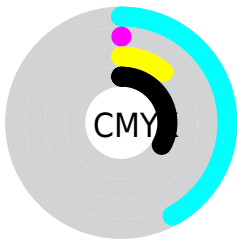
Distribution



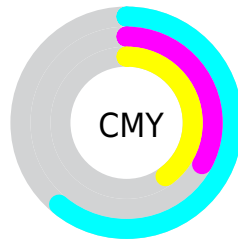
- Red (39%)
- Green (67%)
- Blue (60%)



- Red (39%)
- Yellow (55%)
- Blue (67%)



- Cyan (42%)
- Magenta (0%)
- Yellow (11%)
- Black (33%)



- Cyan (61%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5682, 34.1351, 35.3781 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 25.5682, 34.1351, 35.3781 by changing the saturation by 10% instead.

■ 25.5682, 34.1351,
35.3781

■ 25.5682, 34.1351,
35.3781

272.9517,
320.7340, 341.1889

■ 16.6319, 22.9974,
23.6684

■ 52.0138, 66.1437,
69.2293

■ 10.0660, 14.5916,
14.8779

■ 70.2538, 87.7834,
92.2079

■ 5.5054, 8.5333,
8.5881

■ 92.3257, 113.6926,
119.7798

■ 2.5845, 4.4380,
4.3804

■ 118.5949,
144.2556, 152.3636

■ 0.9381, 1.9215,
1.8362

149.4267,
179.8568, 190.3779

■ 0.0000, 0.5612,
0.4517

185.1866,

■ 0.0000, 0.0000,

220.8807, 234.2412

0.0000

226.2398,
267.7117, 284.3720

■ 25.5682, 34.1351,
35.3781

■ 25.5682, 34.1351,
35.3781

■ 23.5203, 33.1209,
33.4473

■ 28.0280, 35.3619,
37.3976

■ 21.8562, 32.3022,
31.6009

■ 30.9199, 36.8091,
39.5053

■ 20.5490, 31.6659,
29.8377


■ 34.2661, 38.4889,
41.7035

■ 19.5666, 31.1957,
28.1555


■ 38.0863, 40.4116,
43.9940


■ 18.8711, 30.8719,
26.5518

■ 42.3993, 42.5867,
46.3781

 18.4366, 30.6763,
25.2496

 47.2227, 45.0234,
48.8576

 52.5732, 47.7302,
51.4336

 58.4668, 50.7154,
54.1078

 64.9188, 53.9868,
56.8813

Harmonies

Analogous

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



26.7047, 34.1351, 26.2434



25.5682, 34.1351, 35.3781



26.1508, 34.1351, 46.9865

Triad

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



25.5682, 34.1351, 35.3781



35.7128, 34.1351, 60.0480



36.8983, 34.1351, 22.2591

Complementary

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



25.5682, 34.1351, 35.3781



24.6229, 19.0811, 19.5261

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.



39.6745, 34.1351, 28.8213



25.5682, 34.1351, 35.3781



38.9527, 34.1351, 50.7666

Square

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



25.5682, 34.1351, 35.3781



31.8135, 34.1351, 62.7604



40.4545, 34.1351, 39.0159



33.0836, 34.1351, 19.6932

Rectangle

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



25.5682, 34.1351, 35.3781



27.4621, 34.1351, 54.4417



40.4545, 34.1351, 39.0159



37.9955, 34.1351, 23.9984

Sweetspot

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



25.5692, 34.1365, 35.3789



60.9247, 68.7068, 74.4081



24.4628, 33.9646, 17.3236



13.4104, 15.2334, 16.4816



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.



25.5692, 34.1365, 35.3789



42.3343, 59.4203, 60.1154



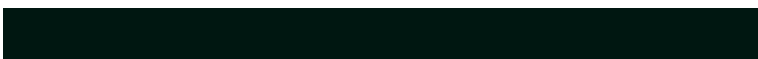
24.2345, 28.9054, 42.8317



8.1483, 9.0369, 9.8057



13.9199, 23.1332, 19.1496



0.4076, 0.6517, 0.6400

Inverse Universe

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



24.6229, 19.0811, 19.5261



40.4184, 28.7240, 27.8591



25.4068, 22.2008, 15.0032



8.0855, 8.0474, 8.7609



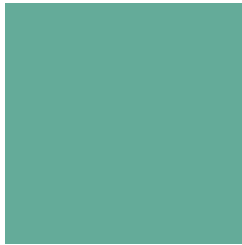
13.0129, 6.6677, 2.4472



0.3841, 0.1943, 0.1844

Previews

White Background



This preview shows how the XYZ color 25.5682, 34.1351, 35.3781 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 25.5682, 34.1351, 35.3781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

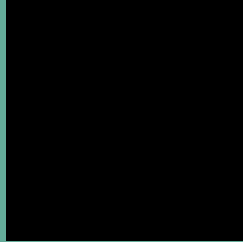
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.5682, 34.1351, 35.3781

Background



This preview shows how black text looks on a background with the XYZ color 25.5682, 34.1351, 35.3781.

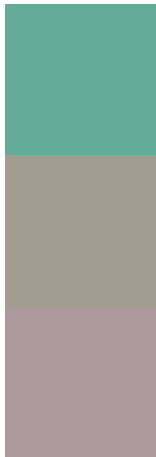


This preview shows how white text looks on a background with the XYZ color 25.5682, 34.1351,

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

25.5682, 34.1351, 35.3781

Protanopia

32.2721, 33.9448, 31.6391

Deuteranopia

34.3273, 33.6615, 36.5864



Tritanopia

28.1203, 34.0585, 48.2719

Trichromacy



Original Color

25.5682, 34.1351, 35.3781

Protanomaly

29.0808, 33.5542, 32.9609

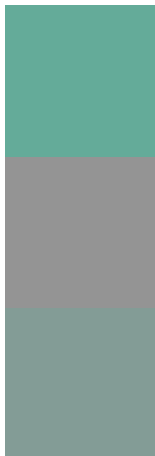
Deuteranomaly

30.2529, 33.3076, 36.2870

Tritanomaly

26.9673, 33.8506, 43.1427

Monochromacy



Original Color

25.5682, 34.1351, 35.3781

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.7536, 30.8042, 33.3899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5682, 34.1351, 35.3781 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(100, 171, 153)` looks like.

```
.text, #text, p{  
    color:rgb(100, 171, 153)  
}
```

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(100, 171, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 171, 153) }
```

Border

The CSS property to change the border of an element to XYZ 25.5682, 34.1351, 35.3781 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(100, 171, 153) }
```


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

```
.border{ border-color:rgb(100, 171, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 171, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 171, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 171, 153);  
box-shadow:4px 4px 4px 4px rgb(100, 171,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5682, 34.1351, 35.3781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 171, 153) }
```

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

```
.background{ background-color: rgb(100,  
171, 153) }
```

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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