

Converting Colors

XYZ(25.6266, 34.3879, 38.0878)

Have a look what the booklet for
XYZ(25.6266, 34.3879, 38.0878)
contains.

XYZ(25.6266, 34.3879, 38.0878)	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(25.6266, 34.3879,
38.0878)**

Conversions

Conversions Part 1

Format	Color
Hex	5EAC9F
RGB	94, 172, 159
RGB Percent	37%, 67%, 62%
CMY	0.6314, 0.3255, 0.3765
CMYK	0.45, 0.00, 0.08, 0.33
HSL	170°, 32%, 52%
HSV	170°, 45%, 67%
XYZ	25.6266, 34.3879, 38.0878
YIQ	147.1960, -42.3150, -20.5790

Conversions

Conversions Part 2

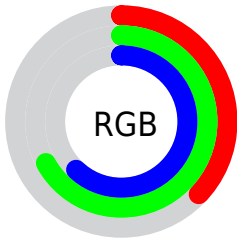
Format	Color
RYB	94, 137, 172
Decimal	6204575
CIELab	65.27, -27.29, -0.80
CIElCh	65, 27.297, 181.680
Yxy	34.3879, 0.2612, 0.3505
Android (android.graphics.Color)	4284394655 (0xFF5EAC9F)
YUV	147.1960, 5.8194, -46.6529
Hunter-Lab	58.6412, -24.6164, 2.5396

Details

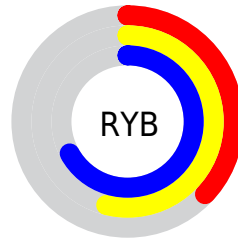
The XYZ color **25.6266, 34.3879, 38.0878** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **23.6709, 17.8385, 16.1067**, and the grayscale version is **27.8042, 29.2522, 31.8557**.

A 20% lighter version of the original color is **52.2754, 66.7314, 73.7436**, and **10.0665, 14.6697, 16.4883** is the 20% darker color. If you saturate the color by 10%, you get **23.8099, 33.4806, 36.7197**, and if you desaturate by 10%, it is **27.8441, 35.5028, 39.5063**.

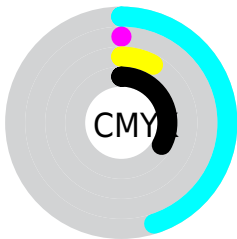
Distribution



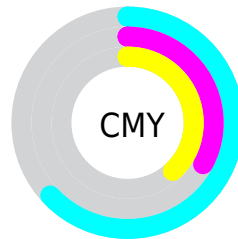
- Red (37%)
- Green (67%)
- Blue (62%)



- Red (37%)
- Yellow (54%)
- Blue (67%)



- Cyan (45%)
- Magenta (0%)
- Yellow (8%)
- Black (33%)



- Cyan (63%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6266, 34.3879, 38.0878 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 25.6266, 34.3879, 38.0878 by changing the saturation by 10% instead.

■ 25.6266, 34.3879,
38.0878

■ 25.6266, 34.3879,
38.0878

273.2347,
321.8582, 353.3059

■ 16.6757, 23.1918,
25.7485

■ 52.1076, 66.5364,
73.4476

■ 10.0974, 14.7352,
16.4115

■ 70.3683, 88.2576,
97.3052

■ 5.5264, 8.6337,
9.6583

■ 92.4631, 114.2559,
125.8392

■ 2.5972, 4.5031,
5.0704

■ 118.7573,
144.9157, 159.4683

■ 0.9445, 1.9588,
2.2291

149.6162,
180.6215, 198.6110

■ 0.0000, 0.5833,
0.6911

185.4051,

■ 0.0000, 0.0000,

221.7576, 243.6858

0.0000

226.4895,
268.7084, 295.1113

■ 25.6266, 34.3879,
38.0878

■ 25.6266, 34.3879,
38.0878

■ 23.8099, 33.4806,
36.7197

■ 27.8441, 35.5028,
39.5063

■ 22.3645, 32.7632,
35.3981

■ 30.4834, 36.8337,
40.9742

■ 21.2618, 32.2219,
34.1223

■ 33.5677, 38.3933,
42.4934

■ 20.4674, 31.8388,
32.8904

■ 37.1174, 40.1921,
44.0651

■ 19.9384, 31.5919,
31.7003

■ 41.1519, 42.2402,
45.6904

■ 19.7362, 31.4994,
31.1586

■ 45.6893, 44.5468,
47.3704

■ 50.7468, 47.1208,
49.1060

■ 56.3408, 49.9708,
50.8981

■ 62.4870, 53.1047,
52.7478

Harmonies

Analogous

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



26.4092, 34.3879, 27.9914



25.6266, 34.3879, 38.0878



26.6040, 34.3879, 50.1507

Triad

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



25.6266, 34.3879, 38.0878



36.8639, 34.3879, 59.3224



36.4451, 34.3879, 21.2937

Complementary

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



25.6266, 34.3879, 38.0878



23.6709, 17.8385, 16.1067

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.



39.6277, 34.3879, 27.0860



25.6266, 34.3879, 38.0878



39.8829, 34.3879, 48.8126

Square

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



25.6266, 34.3879, 38.0878



32.9092, 34.3879, 63.8516



40.9325, 34.3879, 36.8047



32.4612, 34.3879, 19.5522

Rectangle

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



25.6266, 34.3879, 38.0878



28.1722, 34.3879, 57.3686



40.9325, 34.3879, 36.8047



37.6550, 34.3879, 22.7646

Sweetspot

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



25.6276, 34.3893, 38.0886



61.5592, 69.9850, 77.3946



22.9948, 33.5215, 15.8487



13.1047, 15.0708, 16.6921



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.



25.6276, 34.3893, 38.0886



43.3058, 60.7927, 66.7053



22.5439, 26.3203, 42.9234



8.1781, 9.0488, 9.9631



14.7038, 23.4468, 23.2776



0.4240, 0.6583, 0.7264

Inverse Universe

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



23.6709, 17.8385, 16.1067



39.3388, 27.0971, 22.0347



25.5959, 22.7022, 13.6232



8.0577, 8.0363, 8.6146



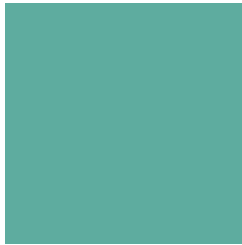
12.8370, 6.5973, 1.5209



0.3732, 0.1900, 0.1268

Previews

White Background



This preview shows how the XYZ color 25.6266, 34.3879, 38.0878 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 25.6266, 34.3879, 38.0878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

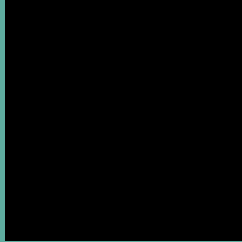
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.6266, 34.3879, 38.0878

Background



This preview shows how black text looks on a background with the XYZ color 25.6266, 34.3879, 38.0878.

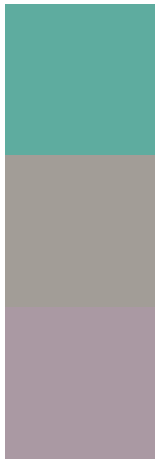


This preview shows how white text looks on a background with the XYZ color 25.6266, 34.3879,

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

25.6266, 34.3879, 38.0878

Protanopia

32.5432, 34.0297, 34.1313

Deuteranopia

34.5797, 33.9729, 39.3852



Tritanopia

27.9983, 34.5200, 49.4433

Trichromacy



Original Color

25.6266, 34.3879, 38.0878

Protanomaly

29.0696, 33.4921, 35.5043

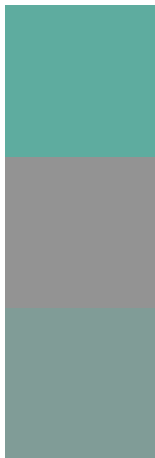
Deuteranomaly

30.2477, 33.5010, 39.0545

Tritanomaly

27.0517, 34.4021, 45.2589

Monochromacy



Original Color

25.6266, 34.3879, 38.0878

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.3765, 30.6005, 33.7945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6266, 34.3879, 38.0878 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(94, 172, 159)` looks like.

```
.text, #text, p{  
    color:rgb(94, 172, 159)  
}
```

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(94, 172, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 172, 159) }
```

Border

The CSS property to change the border of an element to XYZ 25.6266, 34.3879, 38.0878 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(94, 172, 159) }
```


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

```
.border{ border-color:rgb(94, 172, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 172, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 172, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 172, 159);  
box-shadow:4px 4px 4px 4px rgb(94, 172,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6266, 34.3879, 38.0878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 172, 159) }
```

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

```
.background{ background-color: rgb(94, 172,  
159) }
```

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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