

Converting Colors

XYZ(25.3518, 34.1627, 37.9912)

Have a look what the booklet for
XYZ(25.3518, 34.1627, 37.9912)
contains.

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Color

**XYZ(25.4242, 34.2836,
38.0783)**

Conversions

Conversions Part 1

Format	Color
Hex	5CAC9F
RGB	92, 172, 159
RGB Percent	36%, 67%, 62%
CMY	0.6392, 0.3255, 0.3765
CMYK	0.47, 0.00, 0.08, 0.33
HSL	170°, 33%, 52%
HSV	170°, 47%, 67%
XYZ	25.4242, 34.2836, 38.0783
YIQ	146.5980, -43.5070, -21.0030

Conversions

Conversions Part 2

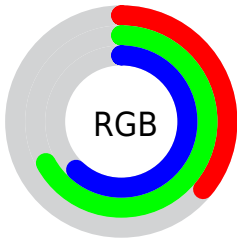
Format	Color
RYB	92, 136, 172
Decimal	6073503
CIELab	65.19, -27.78, -0.93
CIElCh	65, 27.799, 181.918
Yxy	34.2836, 0.2600, 0.3506
Android (android.graphics.Color)	4284263583 (0xFF5CAC9F)
YUV	146.5980, 6.1142, -47.8824
Hunter-Lab	58.5522, -24.9591, 2.4284

Details

The XYZ color **25.4242, 34.2836, 38.0783** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **23.3914, 17.4459, 15.5005**, and the grayscale version is **27.5566, 28.9917, 31.5719**.

A 20% lighter version of the original color is **51.9136, 66.5449, 73.7266**, and **9.9633, 14.6164, 16.4835** is the 20% darker color. If you saturate the color by 10%, you get **23.6576, 33.4014, 36.7442**, and if you desaturate by 10%, it is **27.5884, 35.3718, 39.4611**.

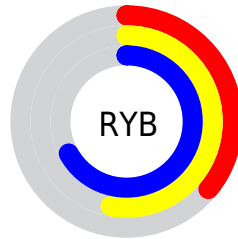
Distribution



Red (36%)

Green (67%)

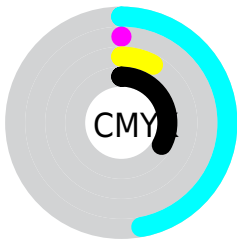
Blue (62%)



Red (36%)

Yellow (53%)

Blue (67%)

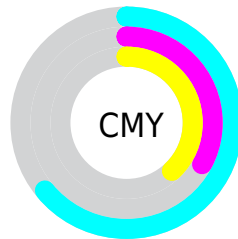


Cyan (47%)

Magenta (0%)

Yellow (8%)

Black (33%)



Cyan (64%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4242, 34.2836, 38.0783 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 25.4242, 34.2836, 38.0783 by changing the saturation by 10% instead.

■ 25.4242, 34.2836,
38.0783

■ 25.4242, 34.2836,
38.0783

272.2528,
321.3948, 353.2640

■ 16.5238, 23.1116,
25.7412

■ 51.7825, 66.3744,
73.4329

■ 9.9887, 14.6759,
16.4061

■ 69.9711, 88.0620,
97.2874

■ 5.4537, 8.5922,
9.6545

■ 91.9866, 114.0236,
125.8182

■ 2.5533, 4.4762,
5.0679

■ 118.1941,
144.6435, 159.4437

■ 0.9222, 1.9433,
2.2277

148.9591,
180.3062, 198.5825

■ 0.0000, 0.5742,
0.6903

184.6470,

■ 0.0000, 0.0000,

221.3960, 243.6531

0.0000

225.6231,
268.2974, 295.0741

■ 25.4242, 34.2836,
38.0783

■ 25.4242, 34.2836,
38.0783

■ 23.6576, 33.4014,
36.7442

■ 27.5884, 35.3718,
39.4611

■ 22.2588, 32.7074,
35.4550

■ 30.1714, 36.6744,
40.8917

■ 21.1986, 32.1873,
34.2100


■ 33.1966, 38.2043,
42.3719


■ 20.4421, 31.8232,
33.0072


■ 36.6847, 39.9722,
43.9030


■ 19.9409, 31.5900,
31.8443


■ 40.6550, 41.9881,
45.4860

 19.7909, 31.5213,
31.4462

 45.1259, 44.2613,
47.1220

 50.1147, 46.8009,
48.8120

 55.6378, 49.6152,
50.5569

 61.7110, 52.7125,
52.3575

Harmonies

Analogous

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



26.2031, 34.2836, 27.8081



25.4242, 34.2836, 38.0783



26.4285, 34.2836, 50.3652

Triad

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



25.4242, 34.2836, 38.0783



36.8661, 34.2836, 59.5674



36.3795, 34.2836, 20.9445

Complementary

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



25.4242, 34.2836, 38.0783



23.3914, 17.4459, 15.5005

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.



39.6314, 34.2836, 26.7620



25.4242, 34.2836, 38.0783



39.9283, 34.2836, 48.8074

Square

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



25.4242, 34.2836, 38.0783



32.8461, 34.2836, 64.2602



40.9792, 34.2836, 36.5896



32.3263, 34.2836, 19.2214

Rectangle

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



25.4242, 34.2836, 38.0783



28.0267, 34.2836, 57.7138



40.9792, 34.2836, 36.5896



37.6138, 34.2836, 22.4172

Sweetspot

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



25.4252, 34.2850, 38.0791



61.5765, 69.9919, 77.4854



22.5503, 33.3027, 15.3655



13.1089, 15.0725, 16.7146



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.



25.4252, 34.2850, 38.0791



42.7764, 60.5229, 66.5397



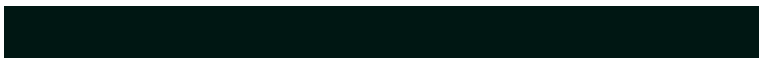
22.0375, 25.6079, 42.8126



8.1796, 9.0494, 9.9707



14.7441, 23.4629, 23.4898



0.4248, 0.6586, 0.7307

Inverse Universe

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



23.3914, 17.4459, 15.5005



38.6408, 26.1208, 20.5082



25.5034, 22.6590, 13.1554



8.0564, 8.0358, 8.6077



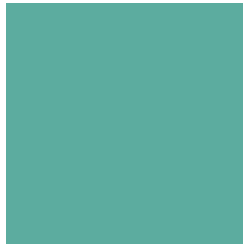
12.8303, 6.5946, 1.4856



0.3726, 0.1897, 0.1241

Previews

White Background



This preview shows how the XYZ color 25.4242, 34.2836, 38.0783 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 25.4242, 34.2836, 38.0783 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

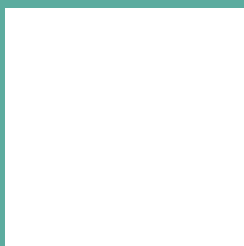
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4242, 34.2836, 38.0783

Background



This preview shows how black text looks on a background with the XYZ color 25.4242, 34.2836, 38.0783.



This preview shows how white text looks on a background with the XYZ color 25.4242, 34.2836,

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

25.4242, 34.2836, 38.0783

Protanopia

32.4623, 33.9973, 33.7054

Deuteranopia

34.5797, 33.9729, 39.3852



Tritanopia

27.7771, 34.4060, 49.4330

Trichromacy



Original Color

25.4242, 34.2836, 38.0783

Protanomaly

28.9866, 33.4589, 35.0675

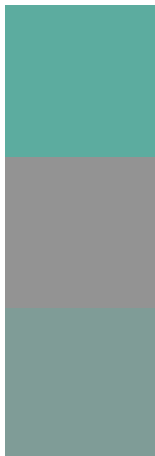
Deuteranomaly

30.2477, 33.5010, 39.0545

Tritanomaly

26.8386, 34.2922, 45.2489

Monochromacy



Original Color

25.4242, 34.2836, 38.0783

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.2268, 30.5233, 33.7874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4242, 34.2836, 38.0783 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(92, 172, 159)` looks like.

```
.text, #text, p{  
    color:rgb(92, 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(92, 172, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 172, 159) }
```

Border

The CSS property to change the border of an element to XYZ 25.4242, 34.2836, 38.0783 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(92, 172, 159) }
```


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

```
.border{ border-color:rgb(92, 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(92, 172, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 172, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 172, 159);  
box-shadow:4px 4px 4px 4px rgb(92, 172,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4242, 34.2836, 38.0783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 172, 159) }
```

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

```
.background{ background-color: rgb(92, 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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