

Converting Colors

XYZ(25.5095, 33.2898, 41.1601)

Have a look what the booklet for
XYZ(25.5095, 33.2898, 41.1601)
contains.

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Color

**XYZ(25.5851, 33.4563,
41.1856)**

Conversions

Conversions Part 1

Format	Color
Hex	5DA9A6
RGB	93, 169, 166
RGB Percent	36%, 66%, 65%
CMY	0.6353, 0.3372, 0.3490
CMYK	0.45, 0.00, 0.02, 0.34
HSL	178°, 31%, 51%
HSV	178°, 45%, 66%
XYZ	25.5851, 33.4563, 41.1856
YIQ	145.9340, -44.3330, -17.0450

Conversions

Conversions Part 2

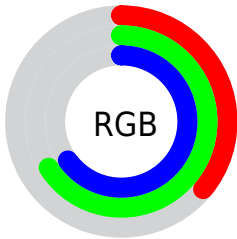
Format	Color
R_{YB}	93, 132, 169
Decimal	6138278
CIE _{Lab}	64.53, -24.27, -5.80
CIE _{LCh}	65, 24.950, 193.439
Yxy	33.4563, 0.2553, 0.3338
Android (android.graphics.Color)	4284328358 (0xFF5DA9A6)
YUV	145.9340, 9.8925, -46.4231
Hunter-Lab	57.8414, -22.2663, -1.7281

Details

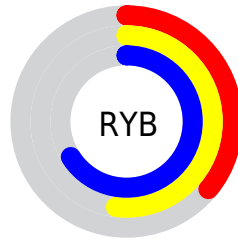
The XYZ color **25.5851, 33.4563, 41.1856** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **22.3890, 17.1092, 13.1899**, and the grayscale version is **27.2692, 28.6893, 31.2426**.

A 20% lighter version of the original color is **51.9195, 64.8277, 78.1832**, and **10.1261, 14.3126, 18.1485** is the 20% darker color. If you saturate the color by 10%, you get **23.9991, 32.6466, 40.7932**, and if you desaturate by 10%, it is **27.5514, 34.4637, 41.5989**.

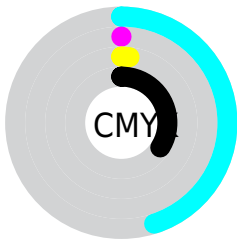
Distribution



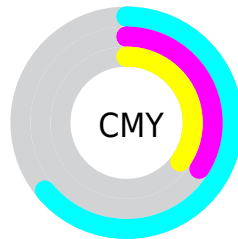
- Red (36%)
- Green (66%)
- Blue (65%)



- Red (36%)
- Yellow (52%)
- Blue (66%)



- Cyan (45%)
- Magenta (0%)
- Yellow (2%)
- Black (34%)



- Cyan (64%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5851, 33.4563, 41.1856 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 25.5851, 33.4563, 41.1856 by changing the saturation by 10% instead.

■ 25.5851, 33.4563,
41.1856

■ 25.5851, 33.4563,
41.1856

273.0336,
317.7009, 366.7953

■ 16.6446, 22.4762,
28.1433

■ 52.0409, 65.0873,
78.2223

■ 10.0751, 14.2072,
18.1938

■ 70.2869, 86.5070,
103.0538

■ 5.5114, 8.2649,
10.9183

■ 92.3655, 112.1753,
132.6522

■ 2.5882, 4.2649,
5.8984

■ 118.6419,
142.4767, 167.4359

■ 0.9399, 1.8228,
2.7156

149.4816,
177.7956, 207.8235

■ 0.0000, 0.5014,
0.9513

185.2498,

■ 0.0000, 0.0000,

218.5163, 254.2336

0.0000

226.3121,
265.0233, 307.0847

■ 25.5851, 33.4563,
41.1856

■ 25.5851, 33.4563,
41.1856

■ 23.9991, 32.6466,
40.7932

■ 27.5514, 34.4637,
41.5989

■ 22.7654, 32.0176,
40.4183

■ 29.9179, 35.6765,
42.0318

■ 21.8565, 31.5560,
40.0602

■ 32.7067, 37.1070,
42.4862

■ 21.2400, 31.2451,
39.7175

■ 35.9375, 38.7653,
42.9629

■ 20.8757, 31.0642,
39.3882

■ 39.6284, 40.6609,
43.4628

■ 20.7393, 30.9974,
39.2253

■ 43.7970, 42.8026,
43.9868

■ 48.4597, 45.1989,
44.5355

■ 53.6320, 47.8580,
45.1098

■ 59.3289, 50.7875,
45.7103

Harmonies

Analogous

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



25.6689, 33.4563, 31.1122



25.5851, 33.4563, 41.1856



27.0754, 33.4563, 51.6685

Triad

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



25.5851, 33.4563, 41.1856



36.7510, 33.4563, 52.6298



33.7942, 33.4563, 20.6604

Complementary

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



25.5851, 33.4563, 41.1856



22.3890, 17.1092, 13.1899

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.



37.0428, 33.4563, 24.5248



25.5851, 33.4563, 41.1856



38.8353, 33.4563, 42.3177

Square

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



25.5851, 33.4563, 41.1856



33.4196, 33.4563, 59.0623



38.9459, 33.4563, 32.0521



30.2320, 33.4563, 20.4712

Rectangle

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



25.5851, 33.4563, 41.1856



28.8304, 33.4563, 56.9690



38.9459, 33.4563, 32.0521



34.9651, 33.4563, 21.5344

Sweetspot

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



25.5861, 33.4576, 41.1864



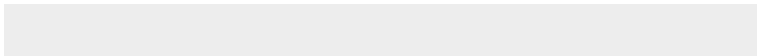
59.5209, 66.9401, 76.2327



21.0733, 31.6980, 15.3643



12.7205, 14.4605, 16.5766



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.5861, 33.4576, 41.1864



42.9803, 58.4663, 73.0557



20.3127, 22.4650, 40.8032



7.7346, 8.5269, 9.5883



15.4611, 23.1032, 29.2585



0.3800, 0.5636, 0.7318

Inverse Universe

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



22.3890, 17.1092, 13.1899



36.5241, 25.4217, 16.4967



25.9544, 24.4570, 13.7093



7.5427, 7.5469, 7.9089



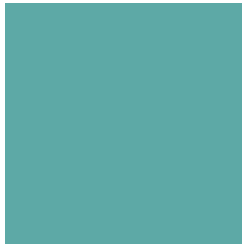
12.2267, 6.2994, 0.7392



0.3011, 0.1547, 0.0371

Previews

White Background



This preview shows how the XYZ color 25.5851, 33.4563, 41.1856 looks on a white background.

Color Contrast Check

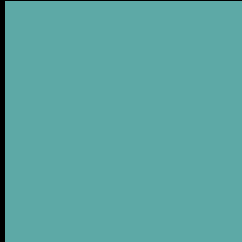
Large Text (above 18pt) WCAG AA × Fail

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 25.5851, 33.4563, 41.1856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

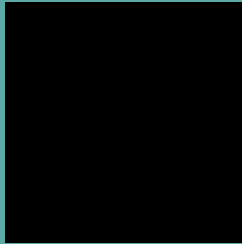
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.5851, 33.4563, 41.1856

Background



This preview shows how black text looks on a background with the XYZ color 25.5851, 33.4563, 41.1856.

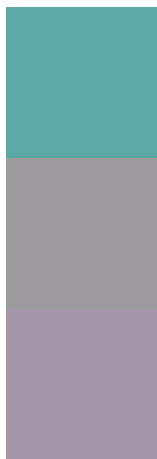


This preview shows how white text looks on a background with the XYZ color 25.5851, 33.4563,

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

25.5851, 33.4563, 41.1856

Protanopia

31.9935, 33.1804, 37.0660

Deuteranopia

33.6321, 32.9280, 42.6133



Tritanopia

26.9867, 33.4741, 48.2188

Trichromacy



Original Color

25.5851, 33.4563, 41.1856

Protanomaly

28.8353, 32.7832, 38.5262

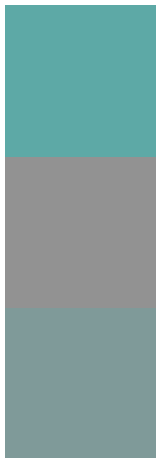
Deuteranomaly

29.8695, 32.7216, 42.2777

Tritanomaly

26.5644, 33.5872, 45.6403

Monochromacy



Original Color

25.5851, 33.4563, 41.1856

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.0578, 29.9231, 34.5393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5851, 33.4563, 41.1856 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(93, 169, 166)` looks like.

```
.text, #text, p{  
    color:rgb(93, 169, 166)  
}
```

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(93, 169, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 169, 166) }
```

Border

The CSS property to change the border of an element to XYZ 25.5851, 33.4563, 41.1856 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(93, 169, 166) }
```


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

```
.border{ border-color:rgb(93, 169, 166) }
```

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

Here you see how a box with a 4 pixel rgb(93, 169, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 169, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 169, 166);  
box-shadow:4px 4px 4px 4px rgb(93, 169,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5851, 33.4563, 41.1856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 169, 166) }
```

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

```
.background{ background-color: rgb(93, 169,  
166) }
```

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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