

Converting Colors

XYZ(25.4933, 33.3773, 33.8631)

Have a look what the booklet for
XYZ(25.4933, 33.3773, 33.8631)
contains.

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Color

**XYZ(25.4515, 33.2714,
33.9348)**

Conversions

Conversions Part 1

Format	Color
Hex	6AA896
RGB	106, 168, 150
RGB Percent	42%, 66%, 59%
CMY	0.5843, 0.3412, 0.4118
CMYK	0.37, 0.00, 0.11, 0.34
HSL	163°, 26%, 54%
HSV	163°, 37%, 66%
XYZ	25.4515, 33.2714, 33.9348
YIQ	147.4100, -31.1740, -18.7420

Conversions

Conversions Part 2

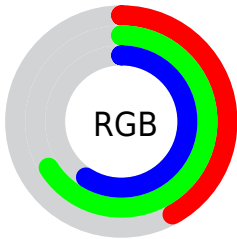
Format	Color
RYB	106, 142, 168
Decimal	6989974
CIELab	64.38, -24.19, 2.99
CIElCh	64, 24.373, 172.961
Yxy	33.2714, 0.2747, 0.3591
Android (android.graphics.Color)	4285180054 (0xFF6AA896)
YUV	147.4100, 1.2769, -36.3166
Hunter-Lab	57.6814, -22.1805, 5.4958

Details

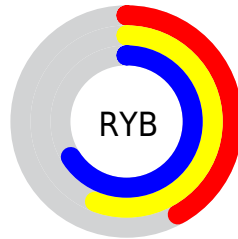
The XYZ color **25.4515, 33.2714, 33.9348** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.9417, 20.0890, 21.6330**, and the grayscale version is **27.9078, 29.3612, 31.9743**.

A 20% lighter version of the original color is **51.7840, 64.6086, 66.8681**, and **10.0188, 14.1759, 14.0126** is the 20% darker color. If you saturate the color by 10%, you get **23.2628, 32.1884, 31.8249**, and if you desaturate by 10%, it is **28.0496, 34.5653, 36.1506**.

Distribution



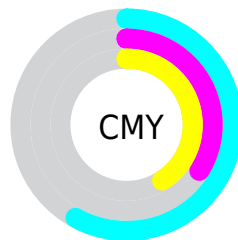
- Red (42%)
- Green (66%)
- Blue (59%)



- Red (42%)
- Yellow (56%)
- Blue (66%)



- Cyan (37%)
- Magenta (0%)
- Yellow (11%)
- Black (34%)



- Cyan (58%)
- Magenta (34%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4515, 33.2714, 33.9348 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 25.4515, 33.2714, 33.9348 by changing the saturation by 10% instead.

■ 25.4515, 33.2714,
33.9348

■ 25.4515, 33.2714,
33.9348

272.3854,
316.8709, 334.6015

■ 16.5443, 22.3344,
22.5666

■ 51.8264, 64.7990,
66.9650

■ 10.0034, 14.1028,
14.0715

■ 70.0248, 86.1585,
89.4640

■ 5.4635, 8.1922,
8.0311

■ 92.0509, 111.7609,
116.5104

■ 2.5592, 4.2182,
4.0268

■ 118.2701,
141.9906, 148.5227

■ 0.9252, 1.7964,
1.6401

149.0478,
177.2321, 185.9194

■ 0.0000, 0.4849,
0.3192

184.7494,

■ 0.0000, 0.0000,

217.8697, 229.1191

0.0000

225.7401,
264.2878, 278.5403

■ 25.4515, 33.2714,
33.9348

■ 25.4515, 33.2714,
33.9348

■ 23.2628, 32.1884,
31.8249

■ 28.0496, 34.5653,
36.1506

■ 21.4575, 31.3003,
29.8167

■ 31.0755, 36.0770,
38.4721

■ 20.0110, 30.5953,
27.9085

■ 34.5500, 37.8179,
40.9020

■ 18.8946, 30.0587,
26.0980

■ 38.4915, 39.7977,
43.4421

■ 18.0750, 29.6733,
24.3825

■ 42.9174, 42.0253,
46.0941

■ 17.5032, 29.4139,
22.7587

■ 47.8445, 44.5091,
48.8599

■ 17.3465, 29.3437,
22.2731

■ 53.2882, 47.2574,
51.7410

■ 59.2638, 50.2777,
54.7390

■ 64.9698, 53.1570,
57.8175

Harmonies

Analogous

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



26.5897, 33.2714, 25.8903



25.4515, 33.2714, 33.9348



25.8678, 33.2714, 44.2066

Triad

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



25.4515, 33.2714, 33.9348



34.2991, 33.2714, 56.8300



35.8163, 33.2714, 23.0114

Complementary

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



25.4515, 33.2714, 33.9348



24.9417, 20.0890, 21.6330

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.



38.1753, 33.2714, 29.2704



25.4515, 33.2714, 33.9348



37.2556, 33.2714, 49.0029

Square

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



25.4515, 33.2714, 33.9348



30.8127, 33.2714, 58.7002



38.7203, 33.2714, 38.6200



32.4484, 33.2714, 20.3757

Rectangle

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



25.4515, 33.2714, 33.9348



26.9865, 33.2714, 50.8766



38.7203, 33.2714, 38.6200



36.7633, 33.2714, 24.6997

Sweetspot

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



25.4524, 33.2727, 33.9356



59.8824, 67.2138, 72.3008



25.0043, 33.3771, 18.7608



12.8749, 14.5611, 15.6348



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.



25.4524, 33.2727, 33.9356



42.9861, 58.7906, 58.5364



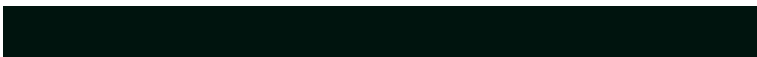
24.8342, 29.5354, 41.4393



7.6533, 8.4944, 9.1605



13.1219, 22.1675, 16.9405



0.3398, 0.5476, 0.5204

Inverse Universe

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



24.9417, 20.0890, 21.6330



41.9345, 31.4536, 33.0642



25.2766, 22.4176, 16.6310



7.6174, 7.5768, 8.3023



12.6296, 6.4606, 2.8613



0.3291, 0.1659, 0.1848

Previews

White Background



This preview shows how the XYZ color 25.4515, 33.2714, 33.9348 looks on a white background.

Color Contrast Check

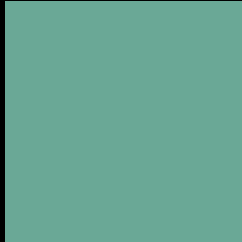
Large Text (above 18pt) WCAG AA × Fail

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 25.4515, 33.2714, 33.9348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

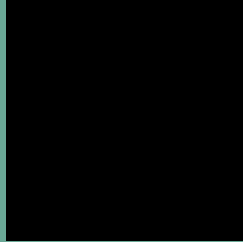
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.4515, 33.2714, 33.9348

Background



This preview shows how black text looks on a background with the XYZ color 25.4515, 33.2714, 33.9348.

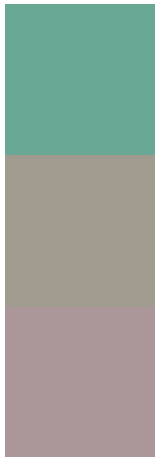


This preview shows how white text looks on a background with the XYZ color 25.4515, 33.2714,

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

25.4515, 33.2714, 33.9348

Protanopia

31.3772, 33.0029, 30.7030

Deuteranopia

33.5337, 32.8037, 35.1362



Tritanopia

28.0213, 33.2360, 46.5333

Trichromacy



Original Color

25.4515, 33.2714, 33.9348

Protanomaly

28.7436, 32.8797, 32.0256

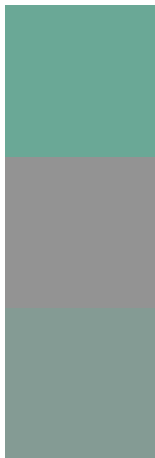
Deuteranomaly

29.8394, 32.6169, 34.8600

Tritanomaly

26.8606, 33.0153, 41.5161

Monochromacy



Original Color

25.4515, 33.2714, 33.9348

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.5824, 30.4863, 32.5004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4515, 33.2714, 33.9348 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(106, 168, 150)` looks like.

```
.text, #text, p{  
    color:rgb(106, 168, 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(106, 168, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 168, 150) }
```

Border

The CSS property to change the border of an element to XYZ 25.4515, 33.2714, 33.9348 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(106, 168, 150) }
```


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

```
.border{ border-color:rgb(106, 168, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 168, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 168, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 168, 150);  
box-shadow:4px 4px 4px 4px rgb(106, 168,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4515, 33.2714, 33.9348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 168, 150) }
```

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

```
.background{ background-color: rgb(106,  
168, 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](#).

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