

Converting Colors

XYZ(25.4309, 32.2880, 34.6777)

Have a look what the booklet for
XYZ(25.4309, 32.2880, 34.6777)
contains.

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Color

**XYZ(25.3734, 32.1329,
34.5707)**

Conversions

Conversions Part 1

Format	Color
Hex	6EA498
RGB	110, 164, 152
RGB Percent	43%, 64%, 60%
CMY	0.5686, 0.3569, 0.4039
CMYK	0.33, 0.00, 0.07, 0.36
HSL	167°, 23%, 54%
HSV	167°, 33%, 64%
XYZ	25.3734, 32.1329, 34.5707
YIQ	146.4860, -28.3320, -15.1800

Conversions

Conversions Part 2

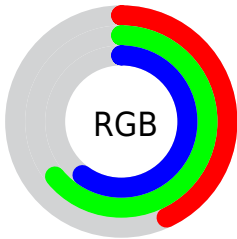
Format	Color
RYB	110, 140, 164
Decimal	7251096
CIELab	63.45, -20.52, 0.55
CIELCh	63, 20.529, 178.476
Yxy	32.1329, 0.2756, 0.3490
Android (android.graphics.Color)	4285441176 (0xFF6EA498)
YUV	146.4860, 2.7184, -31.9982
Hunter-Lab	56.6859, -19.3012, 3.5213

Details

The XYZ color **25.3734, 32.1329, 34.5707** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.3998, 20.4505, 21.0751**, and the grayscale version is **27.5194, 28.9526, 31.5294**.

A 20% lighter version of the original color is **51.5764, 62.9058, 67.8162**, and **9.9468, 13.4577, 14.3853** is the 20% darker color. If you saturate the color by 10%, you get **23.2249, 31.0601, 32.9361**, and if you desaturate by 10%, it is **27.9105, 33.4066, 36.2727**.

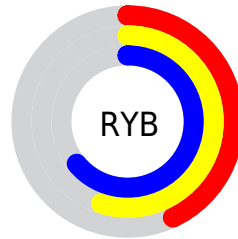
Distribution



Red (43%)

Green (64%)

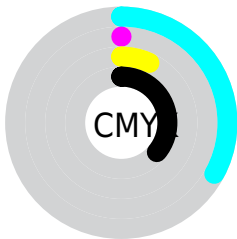
Blue (60%)



Red (43%)

Yellow (55%)

Blue (64%)

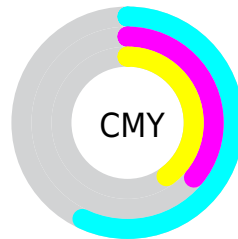


Cyan (33%)

Magenta (0%)

Yellow (7%)

Black (36%)



Cyan (57%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3734, 32.1329, 34.5707 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 25.3734, 32.1329, 34.5707 by changing the saturation by 10% instead.

■ 25.3734, 32.1329,
34.5707

■ 25.3734, 32.1329,
34.5707

272.0059,
311.7242, 337.5159

■ 16.4857, 21.4630,
23.0515

■ 51.7009, 63.0194,
67.9642

■ 9.9615, 13.4629,
14.4259

■ 69.8714, 84.0048,
90.6755

■ 5.4355, 7.7481,
8.2753

■ 91.8668, 109.1975,
117.9546

■ 2.5423, 3.9342,
4.1813

■ 118.0526,
138.9818, 150.2201

■ 0.9167, 1.6368,
1.7253

148.7940,
173.7423, 187.8904

■ 0.0000, 0.3822,
0.3780

184.4565,

■ 0.0000, 0.0000,

213.8633, 231.3841

0.0000

225.4053,
259.7291, 281.1197

■ 25.3734, 32.1329,
34.5707

■ 25.3734, 32.1329,
34.5707

■ 23.2249, 31.0601,
32.9361

■ 27.9105, 33.4066,
36.2727

■ 21.4415, 30.1736,
31.3654

■ 30.8530, 34.8874,
38.0414

■ 20.0009, 29.4629,
29.8578

■ 34.2196, 36.5858,
39.8786

■ 18.8777, 28.9147,
28.4117

■ 38.0274, 38.5105,
41.7856

■ 18.0424, 28.5139,
27.0252

■ 42.2924, 40.6699,
43.7636

■ 17.4602, 28.2425,
25.6963

■ 47.0297, 43.0716,
45.8136

■ 17.1429, 28.0988,
24.7881

■ 52.2539, 45.7231,
47.9367

■ 57.9787, 48.6317,
50.1340

■ 63.2525, 51.3066,
52.3613

Harmonies

Analogous

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



26.0947, 32.1329, 27.3906



25.3734, 32.1329, 34.5707



25.9634, 32.1329, 43.0357

Triad

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



25.3734, 32.1329, 34.5707



33.2356, 32.1329, 50.7151



33.5040, 32.1329, 23.2189

Complementary

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



25.3734, 32.1329, 34.5707



24.3998, 20.4505, 21.0751

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.



35.6280, 32.1329, 28.0106



25.3734, 32.1329, 34.5707



35.4665, 32.1329, 43.8727

Square

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



25.3734, 32.1329, 34.5707



30.3956, 32.1329, 53.1845



36.3673, 32.1329, 35.4072



30.6876, 32.1329, 21.5012

Rectangle

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



25.3734, 32.1329, 34.5707



27.0431, 32.1329, 48.1345



36.3673, 32.1329, 35.4072



34.3290, 32.1329, 24.4827

Sweetspot

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



25.3743, 32.1342, 34.5714



57.5966, 64.1282, 69.9495



24.2023, 31.8596, 19.6265



12.4208, 13.9335, 15.1965



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.3743, 32.1342, 34.5714



42.9459, 56.7713, 60.4175



23.9749, 27.6818, 39.2029



7.2084, 7.9842, 8.7093



13.1622, 21.5512, 19.1023



0.2924, 0.4592, 0.4845

Inverse Universe

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



24.3998, 20.4505, 21.0751



40.8879, 32.0249, 31.8622



25.3833, 23.5351, 17.9574



7.1352, 7.1106, 7.6986



12.0037, 6.1575, 1.9442



0.2684, 0.1359, 0.1260

Previews

White Background



This preview shows how the XYZ color 25.3734, 32.1329, 34.5707 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 25.3734, 32.1329, 34.5707 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

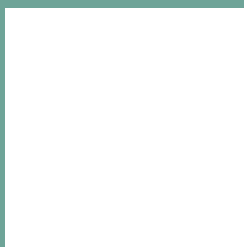
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3734, 32.1329, 34.5707

Background



This preview shows how black text looks on a background with the XYZ color 25.3734, 32.1329, 34.5707.

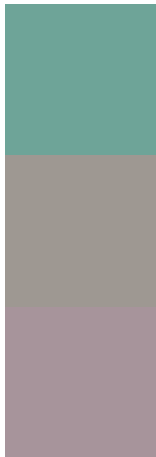


This preview shows how white text looks on a background with the XYZ color 25.3734, 32.1329,

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

25.3734, 32.1329, 34.5707

Protanopia

30.5171, 31.8009, 31.7239

Deuteranopia

32.4426, 31.7619, 35.4311



Tritanopia

27.4551, 32.1906, 44.8108

Trichromacy



Original Color

25.3734, 32.1329, 34.5707

Protanomaly

28.2183, 31.5778, 32.6248

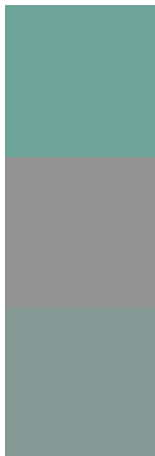
Deuteranomaly

29.2424, 31.5553, 35.1214

Tritanomaly

26.6133, 32.1045, 40.8705

Monochromacy



Original Color

25.3734, 32.1329, 34.5707

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.4094, 29.9071, 32.3977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3734, 32.1329, 34.5707 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(110, 164, 152)` looks like.

```
.text, #text, p{  
    color:rgb(110, 164, 152)  
}
```

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(110, 164, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 164, 152) }
```

Border

The CSS property to change the border of an element to XYZ 25.3734, 32.1329, 34.5707 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(110, 164, 152) }
```


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

```
.border{ border-color:rgb(110, 164, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 164, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 164, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 164, 152);  
box-shadow:4px 4px 4px 4px rgb(110, 164,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3734, 32.1329, 34.5707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 164, 152) }
```

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

```
.background{ background-color: rgb(110,  
164, 152) }
```

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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