

Converting Colors

XYZ(25.2825, 32.9747, 34.5739)

Have a look what the booklet for
XYZ(25.2825, 32.9747, 34.5739)
contains.

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Color

**XYZ(25.3119, 32.9077,
34.7235)**

Conversions

Conversions Part 1

Format	Color
Hex	69A798
RGB	105, 167, 152
RGB Percent	41%, 65%, 60%
CMY	0.5882, 0.3451, 0.4039
CMYK	0.37, 0.00, 0.09, 0.35
HSL	165°, 26%, 53%
HSV	165°, 37%, 65%
XYZ	25.3119, 32.9077, 34.7235
YIQ	146.7520, -32.1370, -17.8090

Conversions

Conversions Part 2

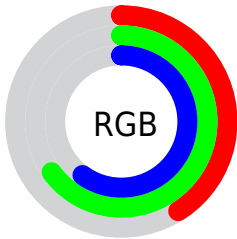
Format	Color
RYB	105, 140, 167
Decimal	6924184
CIELab	64.09, -23.51, 1.44
CIELCh	64, 23.557, 176.502
Yxy	32.9077, 0.2723, 0.3541
Android (android.graphics.Color)	4285114264 (0xFF69A798)
YUV	146.7520, 2.5873, -36.6165
Hunter-Lab	57.3652, -21.6276, 4.2671

Details

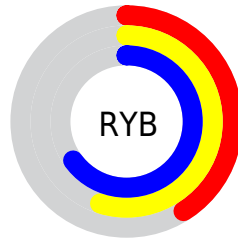
The XYZ color **25.3119, 32.9077, 34.7235** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.3792, 19.6756, 20.2834**, and the grayscale version is **27.6307, 29.0696, 31.6568**.

A 20% lighter version of the original color is **51.5599, 64.0697, 68.0417**, and **9.9479, 13.9579, 14.4818** is the 20% darker color. If you saturate the color by 10%, you get **23.2146, 31.8649, 32.9276**, and if you desaturate by 10%, it is **27.8076, 34.1562, 36.5984**.

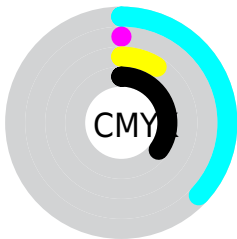
Distribution



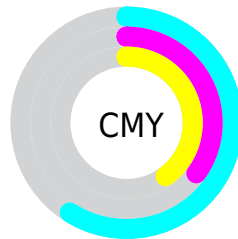
- Red (41%)
- Green (65%)
- Blue (60%)



- Red (41%)
- Yellow (55%)
- Blue (65%)



- Cyan (37%)
- Magenta (0%)
- Yellow (9%)
- Black (35%)



- Cyan (59%)
- Magenta (35%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3119, 32.9077, 34.7235 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 25.3119, 32.9077, 34.7235 by changing the saturation by 10% instead.

■ 25.3119, 32.9077,
34.7235

■ 25.3119, 32.9077,
34.7235

271.7068,
315.2336, 338.2133

■ 16.4396, 22.0557,
23.1681

■ 51.6020, 64.2314,
68.2039

■ 9.9285, 13.8979,
14.5112

■ 69.7505, 85.4719,
90.9660

■ 5.4135, 8.0497,
8.3343

■ 91.7217, 110.9441,
118.3008

■ 2.5291, 4.1267,
4.2188

■ 117.8811,
141.0324, 150.6267

■ 0.9100, 1.7447,
1.7461

148.5939,
176.1210, 188.3624

■ 0.0000, 0.4524,
0.3920

184.2256,

■ 0.0000, 0.0000,

216.5945, 231.9264

0.0000

225.1414,
262.8373, 281.7372

■ 25.3119, 32.9077,
34.7235

■ 25.3119, 32.9077,
34.7235

■ 23.2146, 31.8649,
32.9276

■ 27.8076, 34.1562,
36.5984

■ 21.4901, 31.0122,
31.2066

■ 30.7197, 35.6173,
38.5515

■ 20.1141, 30.3379,
29.5598

■ 34.0687, 37.3022,
40.5850

■ 19.0585, 29.8275,
27.9850

■ 37.8726, 39.2203,
42.7004

■ 18.2903, 29.4640,
26.4802

■ 42.1488, 41.3805,
44.8990

■ 17.7596, 29.2217,
25.0424

■ 46.9133, 43.7911,
47.1821

■ 17.6237, 29.1604,
24.6401

■ 52.1817, 46.4601,
49.5510

■ 57.9687, 49.3950,
52.0068

■ 64.1762, 52.5454,
54.5455

Harmonies

Analogous

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



26.2362, 32.9077, 26.6327



25.3119, 32.9077, 34.7235



25.8902, 32.9077, 44.6527

Triad

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



25.3119, 32.9077, 34.7235



34.2230, 32.9077, 54.8755



34.9466, 32.9077, 22.6108

Complementary

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



25.3119, 32.9077, 34.7235



24.3792, 19.6756, 20.2834

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.



37.3653, 32.9077, 28.2550



25.3119, 32.9077, 34.7235



36.9271, 32.9077, 46.9350

Square

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



25.3119, 32.9077, 34.7235



30.8887, 32.9077, 57.4291



38.1143, 32.9077, 36.9616



31.6701, 32.9077, 20.4666

Rectangle

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



25.3119, 32.9077, 34.7235



27.0740, 32.9077, 50.8477



38.1143, 32.9077, 36.9616



35.8956, 32.9077, 24.1066

Sweetspot

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



25.3128, 32.9090, 34.7243



58.4727, 65.5244, 71.1812



24.1848, 32.6877, 18.3998



12.9107, 14.5754, 15.8234



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.



25.3128, 32.9090, 34.7243



42.0278, 57.2909, 59.3828



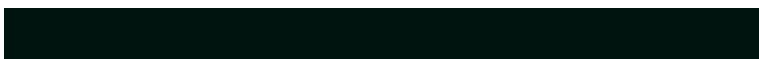
23.9490, 28.0890, 40.7202



7.6688, 8.5006, 9.2420



13.5052, 22.3208, 18.9590



0.3468, 0.5504, 0.5574

Inverse Universe

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



24.3792, 19.6756, 20.2834



40.1069, 29.9352, 29.5766



25.2640, 22.7899, 16.4325



7.6028, 7.5710, 8.2254



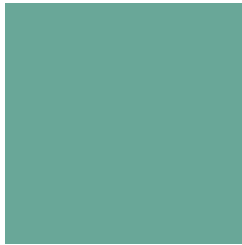
12.5098, 6.4127, 2.2304



0.3237, 0.1638, 0.1563

Previews

White Background



This preview shows how the XYZ color 25.3119, 32.9077, 34.7235 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 25.3119, 32.9077, 34.7235 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

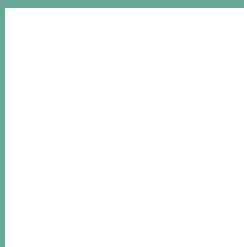
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3119, 32.9077, 34.7235

Background



This preview shows how black text looks on a background with the XYZ color 25.3119, 32.9077, 34.7235.

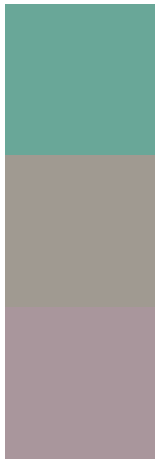


This preview shows how white text looks on a background with the XYZ color 25.3119, 32.9077,

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

25.3119, 32.9077, 34.7235

Protanopia

31.1636, 32.6291, 31.4436

Deuteranopia

33.2693, 32.6480, 36.0007



Tritanopia

27.5885, 32.7482, 46.4619

Trichromacy



Original Color

25.3119, 32.9077, 34.7235

Protanomaly

28.5586, 32.5098, 32.7868

Deuteranomaly

29.6589, 32.2545, 35.6729

Tritanomaly

26.6500, 32.6293, 41.9393

Monochromacy



Original Color

25.3119, 32.9077, 34.7235

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.4961, 30.1867, 32.8639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3119, 32.9077, 34.7235 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(105, 167, 152)` looks like.

```
.text, #text, p{  
    color:rgb(105, 167, 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(105, 167, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 167, 152) }
```

Border

The CSS property to change the border of an element to XYZ 25.3119, 32.9077, 34.7235 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(105, 167, 152) }
```


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

```
.border{ border-color:rgb(105, 167, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 167, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 167, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 167, 152);  
box-shadow:4px 4px 4px 4px rgb(105, 167,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3119, 32.9077, 34.7235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 167, 152) }
```

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

```
.background{ background-color: rgb(105,  
167, 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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