

Converting Colors

XYZ(24.1963, 32.1619, 34.3864)

Have a look what the booklet for
XYZ(24.1963, 32.1619, 34.3864)
contains.

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Color

**XYZ(24.1519, 32.0482,
34.1911)**

Conversions

Conversions Part 1

Format	Color
Hex	61A697
RGB	97, 166, 151
RGB Percent	38%, 65%, 59%
CMY	0.6196, 0.3490, 0.4078
CMYK	0.42, 0.00, 0.09, 0.35
HSL	167°, 28%, 52%
HSV	167°, 42%, 65%
XYZ	24.1519, 32.0482, 34.1911
YIQ	143.6590, -36.3090, -19.2930

Conversions

Conversions Part 2

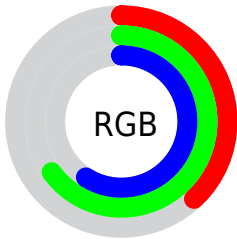
Format	Color
RYB	97, 136, 166
Decimal	6399639
CIELab	63.38, -25.47, 0.93
CIElCh	63, 25.489, 177.917
Yxy	32.0482, 0.2672, 0.3546
Android (android.graphics.Color)	4284589719 (0xFF61A697)
YUV	143.6590, 3.6191, -40.9199
Hunter-Lab	56.6111, -22.9164, 3.8187

Details

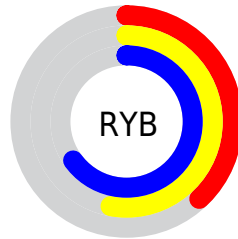
The XYZ color **24.1519, 32.0482, 34.1911** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.9263, 17.8271, 17.5631**, and the grayscale version is **26.3693, 27.7425, 30.2116**.

A 20% lighter version of the original color is **49.6384, 62.7000, 67.2437**, and **9.3138, 13.4683, 14.1653** is the 20% darker color. If you saturate the color by 10%, you get **22.2764, 31.1155, 32.5971**, and if you desaturate by 10%, it is **26.4084, 33.1779, 35.8512**.

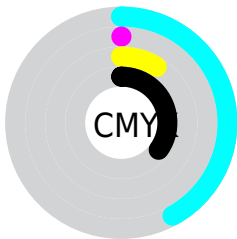
Distribution



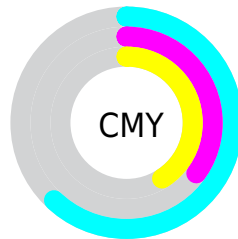
- Red (38%)
- Green (65%)
- Blue (59%)



- Red (38%)
- Yellow (53%)
- Blue (65%)



- Cyan (42%)
- Magenta (0%)
- Yellow (9%)
- Black (35%)



- Cyan (62%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1519, 32.0482, 34.1911 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 24.1519, 32.0482, 34.1911 by changing the saturation by 10% instead.

■ 24.1519, 32.0482,
34.1911

■ 24.1519, 32.0482,
34.1911

266.0138,
311.3388, 335.7785

■ 15.5717, 21.3983,
22.7619

■ 49.7308, 62.8866,
67.3680

■ 9.3105, 13.4155,
14.2141

■ 67.4603, 83.8440,
89.9528

■ 5.0030, 7.7153,
8.1293

■ 88.9702, 109.0060,
117.0932

■ 2.2838, 3.9133,
4.0888

■ 114.6258,
138.7569, 149.2078

■ 0.7864, 1.6252,
1.6742

144.7927,
173.4813, 186.7151

■ 0.0000, 0.3745,
0.3430

179.8361,

■ 0.0000, 0.0000,

213.5635, 230.0336

0.0000

220.1213,
259.3878, 279.5819

■ 24.1519, 32.0482,
34.1911

■ 24.1519, 32.0482,
34.1911

■ 22.2764, 31.1155,
32.5971

■ 26.4084, 33.1779,
35.8512

■ 20.7557, 30.3639,
31.0655

■ 29.0644, 34.5116,
37.5765

■ 19.5648, 29.7813,
29.5953


■ 32.1405, 36.0610,
39.3691


■ 18.6741, 29.3524,
28.1848


■ 35.6553, 37.8354,
41.2304


■ 18.0484, 29.0591,
26.8318


■ 39.6260, 39.8437,
43.1614

 17.6601, 28.8829,
25.7320

 44.0688, 42.0944,
45.1634

 48.9995, 44.5954,
47.2374

 54.4328, 47.3545,
49.3845

 60.3828, 50.3788,
51.6058

Harmonies

Analogous

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



25.0496, 32.0482, 25.5304



24.1519, 32.0482, 34.1911



24.8330, 32.0482, 44.8416

Triad

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



24.1519, 32.0482, 34.1911



33.7604, 32.0482, 55.1123



34.2215, 32.0482, 20.8462

Complementary

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



24.1519, 32.0482, 34.1911



22.9263, 17.8271, 17.5631

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.



36.8806, 32.0482, 26.5402



24.1519, 32.0482, 34.1911



36.6002, 32.0482, 46.3083

Square

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



24.1519, 32.0482, 34.1911



30.2141, 32.0482, 58.2286



37.7827, 32.0482, 35.6086



30.7090, 32.0482, 18.8133

Rectangle

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



24.1519, 32.0482, 34.1911



26.1225, 32.0482, 51.4561



37.7827, 32.0482, 35.6086



35.2548, 32.0482, 22.3337

Sweetspot

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



24.1528, 32.0495, 34.1918



57.9388, 65.2475, 71.2308



22.6178, 31.6542, 16.2276



12.8029, 14.5191, 15.8487



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.



24.1528, 32.0495, 34.1918



40.6251, 56.5673, 59.3392



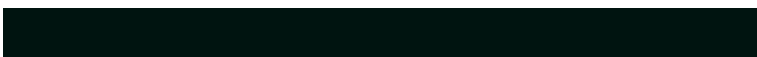
22.3410, 26.3503, 39.9865



7.6767, 8.5037, 9.2835



13.7117, 22.4035, 20.0467



0.3505, 0.5518, 0.5769

Inverse Universe

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



22.9263, 17.8271, 17.5631



38.1038, 27.1821, 25.0458



24.0611, 21.3239, 14.1576



7.5954, 7.5680, 8.1866



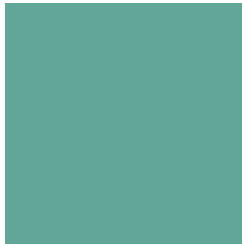
12.4575, 6.3917, 1.9548



0.3210, 0.1627, 0.1418

Previews

White Background



This preview shows how the XYZ color 24.1519, 32.0482, 34.1911 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 24.1519, 32.0482, 34.1911 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

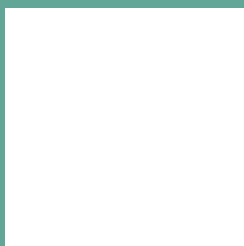
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1519, 32.0482, 34.1911

Background



This preview shows how black text looks on a background with the XYZ color 24.1519, 32.0482, 34.1911.

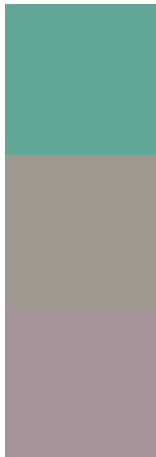


This preview shows how white text looks on a background with the XYZ color 24.1519, 32.0482,

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

24.1519, 32.0482, 34.1911

Protanopia

30.2867, 31.7087, 30.5107

Deuteranopia

32.2322, 31.6534, 35.4212



Tritanopia

26.3503, 31.8588, 45.8349

Trichromacy



Original Color

24.1519, 32.0482, 34.1911

Protanomaly

27.3986, 31.4235, 31.8154

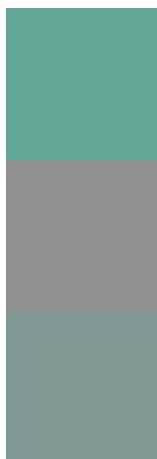
Deuteranomaly

28.5386, 31.4385, 35.1359

Tritanomaly

25.4391, 31.7511, 41.3470

Monochromacy



Original Color

24.1519, 32.0482, 34.1911

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.2471, 29.0751, 31.8852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1519, 32.0482, 34.1911 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(97, 166, 151)` looks like.

```
.text, #text, p{  
    color:rgb(97, 166, 151)  
}
```

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(97, 166, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 166, 151) }
```

Border

The CSS property to change the border of an element to XYZ 24.1519, 32.0482, 34.1911 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(97, 166, 151) }
```


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

```
.border{ border-color:rgb(97, 166, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 166, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 166, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 166, 151);  
box-shadow:4px 4px 4px 4px rgb(97, 166,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1519, 32.0482, 34.1911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 166, 151) }
```

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

```
.background{ background-color: rgb(97, 166,  
151) }
```

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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