

Converting Colors

XYZ(25.5371, 34.1250, 35.1464)

Have a look what the booklet for
XYZ(25.5371, 34.1250, 35.1464)
contains.

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Color

**XYZ(25.4859, 34.1021,
34.9449)**

Conversions

Conversions Part 1

Format	Color
Hex	64AB98
RGB	100, 171, 152
RGB Percent	39%, 67%, 60%
CMY	0.6078, 0.3294, 0.4039
CMYK	0.42, 0.00, 0.11, 0.33
HSL	164°, 30%, 53%
HSV	164°, 42%, 67%
XYZ	25.4859, 34.1021, 34.9449
YIQ	147.6050, -36.2170, -20.9610

Conversions

Conversions Part 2

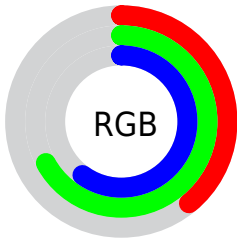
Format	Color
RYB	100, 141, 171
Decimal	6597528
CIELab	65.04, -26.90, 2.80
CIElCh	65, 27.049, 174.062
Yxy	34.1021, 0.2696, 0.3607
Android (android.graphics.Color)	4284787608 (0xFF64AB98)
YUV	147.6050, 2.1667, -41.7496
Hunter-Lab	58.3970, -24.2929, 5.3986

Details

The XYZ color **25.4859, 34.1021, 34.9449** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **24.6826, 19.1050, 19.8407**, and the grayscale version is **27.9867, 29.4442, 32.0647**.

A 20% lighter version of the original color is **51.9361, 66.2644, 68.4455**, and **9.9541, 14.4773, 14.5817** is the 20% darker color. If you saturate the color by 10%, you get **23.4220, 33.0815, 32.9298**, and if you desaturate by 10%, it is **27.9632, 35.3359, 37.0563**.

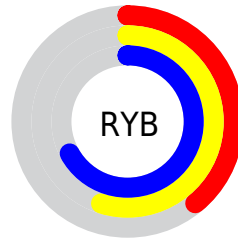
Distribution



Red (39%)

Green (67%)

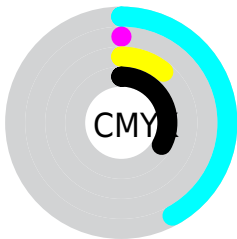
Blue (60%)



Red (39%)

Yellow (55%)

Blue (67%)

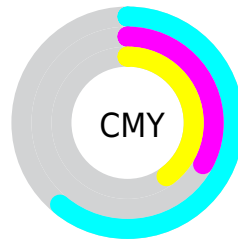


Cyan (42%)

Magenta (0%)

Yellow (11%)

Black (33%)



Cyan (61%)

Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4859, 34.1021, 34.9449 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 25.4859, 34.1021, 34.9449 by changing the saturation by 10% instead.

■ 25.4859, 34.1021,
34.9449

■ 25.4859, 34.1021,
34.9449

272.5524,
320.5871, 339.2219

■ 16.5701, 22.9720,
23.3372

■ 51.8816, 66.0924,
68.5510

■ 10.0219, 14.5729,
14.6351

■ 70.0923, 87.7215,
91.3865

■ 5.4758, 8.5202,
8.4199

■ 92.1319, 113.6190,
118.8017

■ 2.5667, 4.4296,
4.2732

■ 118.3659,
144.1693, 151.2151

■ 0.9290, 1.9166,
1.7764

149.1596,
179.7569, 189.0453

■ 0.0000, 0.5584,
0.4123

184.8783,

■ 0.0000, 0.0000,

220.7661, 232.7108

0.0000

225.8875,
267.5814, 282.6302

■ 25.4859, 34.1021,
34.9449

■ 25.4859, 34.1021,
34.9449

■ 23.4220, 33.0815,
32.9298

■ 27.9632, 35.3359,
37.0563

■ 21.7433, 32.2569,
31.0066

■ 30.8740, 36.7906,
39.2637

■ 20.4229, 31.6154,
29.1741

■ 34.2406, 38.4786,
41.5695

■ 19.4287, 31.1404,
27.4298

■ 38.0828, 40.4101,
43.9756

■ 18.7228, 30.8125,
25.7710

■ 42.4193, 42.5946,
46.4835

■ 18.2804, 30.6137,
24.4275

■ 47.2677, 45.0413,
49.0949

■ 52.6448, 47.7588,
51.8113

■ 58.5667, 50.7552,
54.6342

■ 65.0486, 54.0386,
57.5652

Harmonies

Analogous

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



26.6910, 34.1021, 25.8588



25.4859, 34.1021, 34.9449



26.0124, 34.1021, 46.6357

Triad

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



25.4859, 34.1021, 34.9449



35.5809, 34.1021, 60.5071



37.0360, 34.1021, 22.2656

Complementary

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



25.4859, 34.1021, 34.9449



24.6826, 19.1050, 19.8407

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.



39.7858, 34.1021, 29.0149



25.4859, 34.1021, 34.9449



38.8995, 34.1021, 51.2799

Square

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



25.4859, 34.1021, 34.9449



31.6403, 34.1021, 62.9744



40.4937, 34.1021, 39.4072



33.1982, 34.1021, 19.5478

Rectangle

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



25.4859, 34.1021, 34.9449



27.2979, 34.1021, 54.2372



40.4937, 34.1021, 39.4072



38.1303, 34.1021, 24.0633

Sweetspot

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



25.4869, 34.1035, 34.9457



60.8765, 68.6876, 74.1545



24.6261, 34.0487, 17.3313



13.3986, 15.2287, 16.4195



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.4869, 34.1035, 34.9457



42.1601, 59.3506, 59.1980



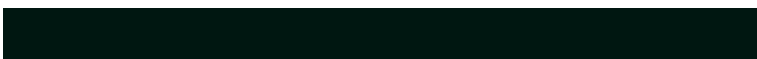
24.4315, 29.2993, 42.8973



8.1434, 9.0349, 9.7804



13.8029, 23.0864, 18.5336



0.4051, 0.6507, 0.6267

Inverse Universe

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



24.6826, 19.1050, 19.8407



40.5334, 28.7700, 28.4648



25.2704, 21.9280, 14.9578



8.0900, 8.0492, 8.7847



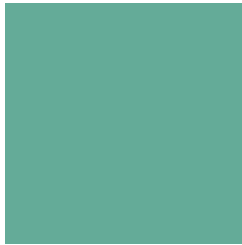
13.0482, 6.6818, 2.6331



0.3859, 0.1950, 0.1937

Previews

White Background



This preview shows how the XYZ color 25.4859, 34.1021, 34.9449 looks on a white background.

Color Contrast Check

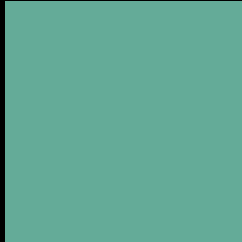
Large Text (above 18pt) WCAG AA × Fail

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 25.4859, 34.1021, 34.9449 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

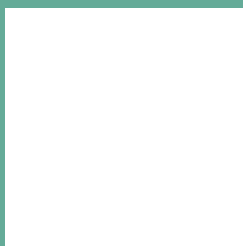
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4859, 34.1021, 34.9449

Background



This preview shows how black text looks on a background with the XYZ color 25.4859, 34.1021, 34.9449.



This preview shows how white text looks on a background with the XYZ color 25.4859, 34.1021,

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

25.4859, 34.1021, 34.9449

Protanopia

32.0268, 33.5771, 31.1786

Deuteranopia

34.2422, 33.6274, 36.1385



Tritanopia

28.1203, 34.0585, 48.2719

Trichromacy



Original Color

25.4859, 34.1021, 34.9449

Protanomaly

28.8265, 33.1718, 32.4872

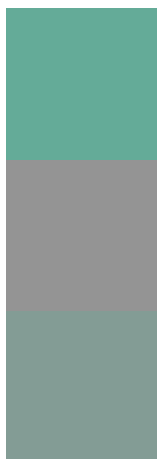
Deuteranomaly

30.1686, 33.2738, 35.8428

Tritanomaly

26.9673, 33.8506, 43.1427

Monochromacy



Original Color

25.4859, 34.1021, 34.9449

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.6734, 30.7722, 32.9676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4859, 34.1021, 34.9449 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(100, 171, 152)` looks like.

```
.text, #text, p{  
    color:rgb(100, 171, 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(100, 171, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 171, 152) }
```

Border

The CSS property to change the border of an element to XYZ 25.4859, 34.1021, 34.9449 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(100, 171, 152) }
```


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

```
.border{ border-color:rgb(100, 171, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 171, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 171, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 171, 152);  
box-shadow:4px 4px 4px 4px rgb(100, 171,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4859, 34.1021, 34.9449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 171, 152) }
```

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

```
.background{ background-color: rgb(100,  
171, 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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