

Converting Colors

XYZ(26.5830, 34.5759, 39.1782)

Have a look what the booklet for
XYZ(26.5830, 34.5759, 39.1782)
contains.

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Color

**XYZ(26.5895, 34.5826,
38.9919)**

Conversions

Conversions Part 1

Format	Color
Hex	67ABA1
RGB	103, 171, 161
RGB Percent	40%, 67%, 63%
CMY	0.5961, 0.3294, 0.3686
CMYK	0.40, 0.00, 0.06, 0.33
HSL	171°, 29%, 54%
HSV	171°, 40%, 67%
XYZ	26.5895, 34.5826, 38.9919
YIQ	149.5280, -37.3180, -17.5260

Conversions

Conversions Part 2

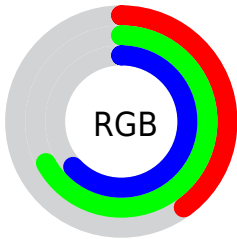
Format	Color
RYB	103, 140, 171
Decimal	6794145
CIELab	65.42, -23.95, -1.64
CIELCh	65, 24.005, 183.924
Yxy	34.5826, 0.2655, 0.3453
Android (android.graphics.Color)	4284984225 (0xFF67ABA1)
YUV	149.5280, 5.6557, -40.8051
Hunter-Lab	58.8070, -22.2036, 1.8527

Details

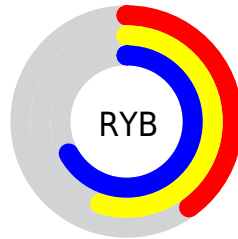
The XYZ color **26.5895, 34.5826, 38.9919** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.6267, 19.5518, 18.1001**, and the grayscale version is **28.7786, 30.2774, 32.9720**.

A 20% lighter version of the original color is **53.7684, 67.0641, 75.0765**, and **10.6083, 14.7608, 17.0418** is the 20% darker color. If you saturate the color by 10%, you get **24.6058, 33.5862, 37.7535**, and if you desaturate by 10%, it is **28.9808, 35.7903, 40.2742**.

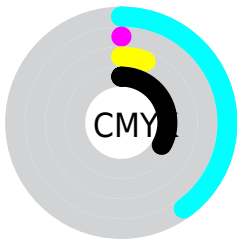
Distribution



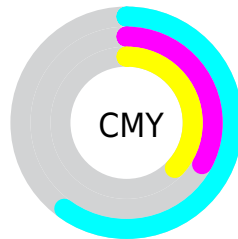
- Red (40%)
- Green (67%)
- Blue (63%)



- Red (40%)
- Yellow (55%)
- Blue (67%)



- Cyan (40%)
- Magenta (0%)
- Yellow (6%)
- Black (33%)



- Cyan (60%)
- Magenta (33%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5895, 34.5826, 38.9919 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 26.5895, 34.5826, 38.9919 by changing the saturation by 10% instead.

■ 26.5895, 34.5826,
38.9919

■ 26.5895, 34.5826,
38.9919

277.8680,
322.7221, 357.2810

■ 17.4002, 23.3415,
26.4456

■ 53.6490, 66.8386,
74.8462

■ 10.6173, 14.8459,
16.9286

■ 72.2498, 88.6224,
98.9912

■ 5.8755, 8.7113,
10.0222

■ 94.7186, 114.6892,
127.8397

■ 2.8095, 4.5534,
5.3079

■ 121.4206,
145.4234, 161.8100

■ 1.0538, 1.9877,
2.3671

152.7211,
181.2093, 201.3207

■ 0.0000, 0.6003,
0.7685

188.9857,

■ 0.0000, 0.0000,

222.4315, 246.7905

0.0000

230.5795,
269.4743, 298.6377

■ 26.5895, 34.5826,
38.9919

■ 26.5895, 34.5826,
38.9919

■ 24.6058, 33.5862,
37.7535

■ 28.9808, 35.7903,
40.2742

■ 23.0020, 32.7843,
36.5552

■ 31.7993, 37.2169,
41.5992

■ 21.7519, 32.1642,
35.3965


■ 35.0668, 38.8745,
42.9688


■ 20.8243, 31.7098,
34.2758


■ 38.8029, 40.7730,
44.3840

■ 20.1827, 31.4024,
33.1913


■ 43.0259, 42.9221,
45.8458

 19.7498, 31.2021,
32.1391

 47.7532, 45.3306,
47.3551

 19.7402, 31.1977,
32.1147

 53.0012, 48.0070,
48.9129

 58.7858, 50.9595,
50.5200

 64.4173, 53.8325,
52.1443

Harmonies

Analogous

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



27.1761, 34.5826, 29.7859



26.5895, 34.5826, 38.9919



27.5847, 34.5826, 49.4964

Triad

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



26.5895, 34.5826, 38.9919



36.7794, 34.5826, 56.0649



35.9245, 34.5826, 22.8327

Complementary

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



26.5895, 34.5826, 38.9919



24.6267, 19.5518, 18.1001

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.



38.7901, 34.5826, 27.8703



26.5895, 34.5826, 38.9919



39.3078, 34.5826, 46.7997

Square

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



26.5895, 34.5826, 38.9919



33.3334, 34.5826, 60.4003



40.0683, 34.5826, 36.3482



32.4103, 34.5826, 21.4840

Rectangle

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



26.5895, 34.5826, 38.9919



29.0558, 34.5826, 55.5239



40.0683, 34.5826, 36.3482



37.0036, 34.5826, 24.1006

Sweetspot

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



26.5905, 34.5840, 38.9927



61.2924, 68.8539, 76.3443



23.8480, 33.6305, 18.0672



13.5005, 15.2695, 16.9561



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.



26.5905, 34.5840, 38.9927



44.3627, 60.2977, 67.8122



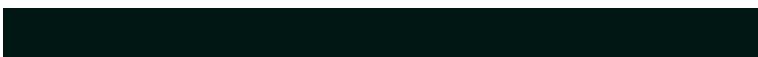
23.4102, 26.7548, 42.4600



8.1849, 9.0515, 9.9988



14.8957, 23.5236, 24.2884



0.4279, 0.6598, 0.7469

Inverse Universe

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



24.6267, 19.5518, 18.1001



40.3488, 29.4895, 25.0470



26.8076, 24.7655, 16.2001



8.0515, 8.0338, 8.5818



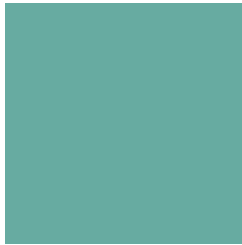
12.8067, 6.5852, 1.3617



0.3707, 0.1890, 0.1139

Previews

White Background



This preview shows how the XYZ color 26.5895, 34.5826, 38.9919 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 26.5895, 34.5826, 38.9919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

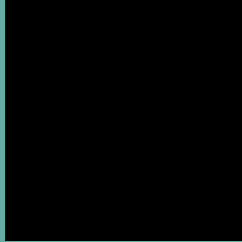
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.5895, 34.5826, 38.9919

Background



This preview shows how black text looks on a background with the XYZ color 26.5895, 34.5826, 38.9919.

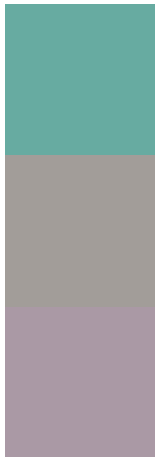


This preview shows how white text looks on a background with the XYZ color 26.5895, 34.5826,

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

26.5895, 34.5826, 38.9919

Protanopia

32.7070, 34.0952, 34.9942

Deuteranopia

34.7603, 34.0451, 40.3366



Tritanopia

28.5275, 34.5296, 48.8774

Trichromacy



Original Color

26.5895, 34.5826, 38.9919

Protanomaly

29.9056, 33.9037, 36.4204

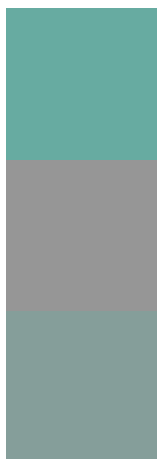
Deuteranomaly

31.1257, 33.9329, 40.0312

Tritanomaly

27.7718, 34.4961, 45.2391

Monochromacy



Original Color

26.5895, 34.5826, 38.9919

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.7325, 31.7734, 35.2431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5895, 34.5826, 38.9919 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(103, 171, 161)` looks like.

```
.text, #text, p{  
    color:rgb(103, 171, 161)  
}
```

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(103, 171, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 171, 161) }
```

Border

The CSS property to change the border of an element to XYZ 26.5895, 34.5826, 38.9919 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(103, 171, 161) }
```


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

```
.border{ border-color:rgb(103, 171, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 171, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 171, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 171, 161);  
box-shadow:4px 4px 4px 4px rgb(103, 171,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5895, 34.5826, 38.9919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 171, 161) }
```

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

```
.background{ background-color: rgb(103,  
171, 161) }
```

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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