

Converting Colors

XYZ(26.5959, 34.5355, 39.4336)

Have a look what the booklet for
XYZ(26.5959, 34.5355, 39.4336)
contains.

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Color

**XYZ(26.6780, 34.6180,
39.4583)**

Conversions

Conversions Part 1

Format	Color
Hex	67ABA2
RGB	103, 171, 162
RGB Percent	40%, 67%, 64%
CMY	0.5961, 0.3294, 0.3647
CMYK	0.40, 0.00, 0.05, 0.33
HSL	172°, 29%, 54%
HSV	172°, 40%, 67%
XYZ	26.6780, 34.6180, 39.4583
YIQ	149.6420, -37.6390, -17.2150

Conversions

Conversions Part 2

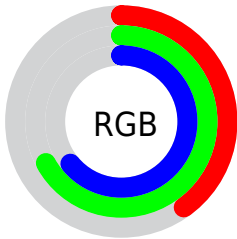
Format	Color
RYB	103, 139, 171
Decimal	6794146
CIELab	65.45, -23.71, -2.16
CIELCh	65, 23.804, 185.203
Yxy	34.6180, 0.2648, 0.3436
Android (android.graphics.Color)	4284984226 (0xFF67ABA2)
YUV	149.6420, 6.0925, -40.9050
Hunter-Lab	58.8371, -22.0291, 1.4239

Details

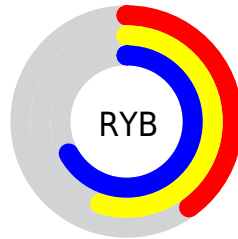
The XYZ color **26.6780, 34.6180, 39.4583** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.5706, 19.5292, 17.8050**, and the grayscale version is **28.8250, 30.3262, 33.0252**.

A 20% lighter version of the original color is **53.8981, 67.1160, 75.7596**, and **10.6083, 14.7608, 17.0418** is the 20% darker color. If you saturate the color by 10%, you get **24.7145, 33.6297, 38.3261**, and if you desaturate by 10%, it is **29.0483, 35.8173, 40.6300**.

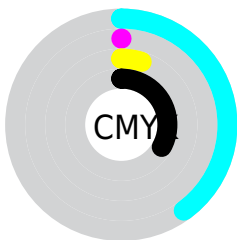
Distribution



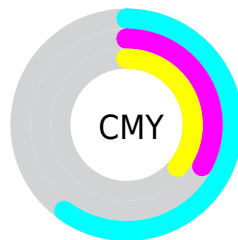
- Red (40%)
- Green (67%)
- Blue (64%)



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



- Cyan (40%)
- Magenta (0%)
- Yellow (5%)
- Black (33%)



- Cyan (60%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6780, 34.6180, 39.4583 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 26.6780, 34.6180, 39.4583 by changing the saturation by 10% instead.

■ 26.6780, 34.6180,
39.4583

■ 26.6780, 34.6180,
39.4583

278.2907,
322.8790, 359.3190

■ 17.4669, 23.3688,
26.8059

■ 53.7903, 66.8936,
75.5660

■ 10.6653, 14.8660,
17.1963

■ 72.4221, 88.6887,
99.8583

■ 5.9079, 8.7254,
10.2111

■ 94.9249, 114.7679,
128.8676

■ 2.8293, 4.5625,
5.4317

■ 121.6641,
145.5156, 163.0126

■ 1.0641, 1.9929,
2.4396

153.0048,
181.3161, 202.7117

■ 0.0000, 0.6034,
0.8079

189.3126,

■ 0.0000, 0.0000,

222.5539, 248.3834

0.0000

230.9528,
269.6134, 300.4463

■ 26.6780, 34.6180,
39.4583

■ 26.6780, 34.6180,
39.4583

■ 24.7145, 33.6297,
38.3261

■ 29.0483, 35.8173,
40.6300

■ 23.1301, 32.8355,
37.2296

■ 31.8449, 37.2352,
41.8399

■ 21.8984, 32.2228,
36.1684

■ 35.0897, 38.8836,
43.0899

■ 20.9885, 31.7755,
35.1409

■ 38.8022, 40.7727,
44.3810

■ 20.3639, 31.4749,
34.1452

■ 43.0007, 42.9120,
45.7141

■ 19.9470, 31.2810,
33.1777

■ 47.7027, 45.3104,
47.0901

■ 19.9378, 31.2767,
33.1553

■ 52.9245, 47.9763,
48.5100

■ 58.6820, 50.9179,
49.9746

■ 64.2858, 53.7799,
51.4516

Harmonies

Analogous

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



27.1939, 34.6180, 30.2120



26.6780, 34.6180, 39.4583



27.7319, 34.6180, 49.8580

Triad

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



26.6780, 34.6180, 39.4583



36.9145, 34.6180, 55.6250



35.7910, 34.6180, 22.8327

Complementary

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



26.6780, 34.6180, 39.4583



24.5706, 19.5292, 17.8050

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.



38.6808, 34.6180, 27.6878



26.6780, 34.6180, 39.4583



39.3608, 34.6180, 46.3172

Square

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



26.6780, 34.6180, 39.4583



33.5141, 34.6180, 60.1858



40.0289, 34.6180, 35.9814



32.3001, 34.6180, 21.6453

Rectangle

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



26.6780, 34.6180, 39.4583



29.2298, 34.6180, 55.7261



40.0289, 34.6180, 35.9814



36.8725, 34.6180, 24.0421

Sweetspot

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



26.6790, 34.6194, 39.4591



61.3437, 68.8744, 76.6144



23.7027, 33.5556, 18.0602



13.5131, 15.2745, 17.0224



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.



26.6790, 34.6194, 39.4591



44.5542, 60.3743, 68.8207



23.2344, 26.4033, 42.4014



8.1900, 9.0536, 10.0257



15.0435, 23.5827, 25.0664



0.4309, 0.6610, 0.7626

Inverse Universe

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



24.5706, 19.5292, 17.8050



40.2434, 29.4473, 24.4919



26.9544, 25.0593, 16.2489



8.0468, 8.0320, 8.5573



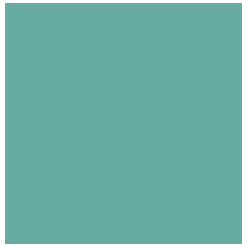
12.7862, 6.5770, 1.2535



0.3688, 0.1882, 0.1041

Previews

White Background



This preview shows how the XYZ color 26.6780, 34.6180, 39.4583 looks on a white background.

Color Contrast Check

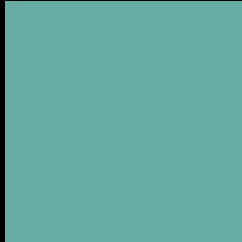
Large Text (above 18pt) WCAG AA × Fail

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 26.6780, 34.6180, 39.4583 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 26.6780, 34.6180, 39.4583

Background



This preview shows how black text looks on a background with the XYZ color 26.6780, 34.6180, 39.4583.

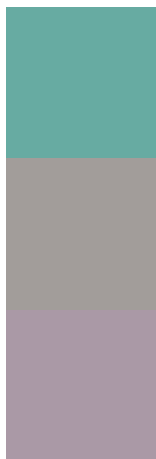


This preview shows how white text looks on a background with the XYZ color 26.6780, 34.6180,

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

26.6780, 34.6180, 39.4583

Protanopia

32.7900, 34.1284, 35.4311

Deuteranopia

34.8517, 34.0817, 40.8179



Tritanopia

28.6305, 34.5708, 49.4198

Trichromacy



Original Color

26.6780, 34.6180, 39.4583

Protanomaly

29.9906, 33.9377, 36.8682

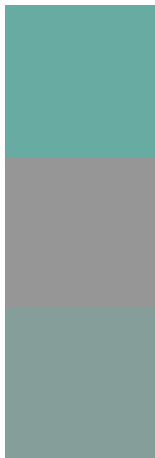
Deuteranomaly

31.2164, 33.9692, 40.5087

Tritanomaly

27.8697, 34.5353, 45.7545

Monochromacy



Original Color

26.6780, 34.6180, 39.4583

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 26.6780, 34.6180, 39.4583 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(103, 171, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 171, 162) }
```

Border

The CSS property to change the border of an element to XYZ 26.6780, 34.6180, 39.4583 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, 162) }
```


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

```
.border{ border-color:rgb(103, 171, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 171, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 171, 162);  
box-shadow:4px 4px 4px 4px rgb(103, 171,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6780, 34.6180, 39.4583 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, 162) }
```

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

```
.background{ background-color: rgb(103,  
171, 162) }
```

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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