

Converting Colors

XYZ(27.0519, 34.9940, 40.3465)

Have a look what the booklet for
XYZ(27.0519, 34.9940, 40.3465)
contains.

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Color

**XYZ(27.1623, 35.1284,
40.4708)**

Conversions

Conversions Part 1

Format	Color
Hex	68ACA4
RGB	104, 172, 164
RGB Percent	41%, 67%, 64%
CMY	0.5921, 0.3255, 0.3569
CMYK	0.40, 0.00, 0.05, 0.33
HSL	173°, 29%, 54%
HSV	173°, 40%, 67%
XYZ	27.1623, 35.1284, 40.4708
YIQ	150.7560, -37.9600, -16.9040

Conversions

Conversions Part 2

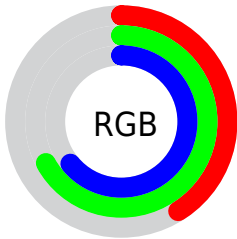
Format	Color
RYB	104, 140, 172
Decimal	6859940
CIELab	65.85, -23.45, -2.68
CIELCh	66, 23.607, 186.522
Yxy	35.1284, 0.2643, 0.3418
Android (android.graphics.Color)	4285050020 (0xFF68ACA4)
YUV	150.7560, 6.5293, -41.0050
Hunter-Lab	59.2692, -21.9169, 1.0035

Details

The XYZ color **27.1623, 35.1284, 40.4708** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.8894, 19.8422, 17.8488**, and the grayscale version is **29.2966, 30.8223, 33.5655**.

A 20% lighter version of the original color is **54.6301, 67.8704, 77.2388**, and **10.8867, 15.0673, 17.6637** is the 20% darker color. If you saturate the color by 10%, you get **25.1847, 34.1308, 39.4323**, and if you desaturate by 10%, it is **29.5520, 36.3399, 41.5453**.

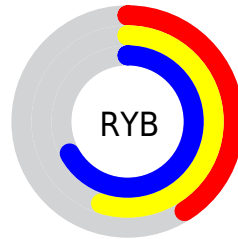
Distribution



Red (41%)

Green (67%)

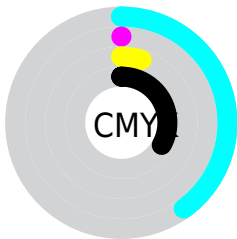
Blue (64%)



Red (41%)

Yellow (55%)

Blue (67%)

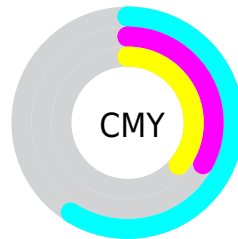


Cyan (40%)

Magenta (0%)

Yellow (5%)

Black (33%)



Cyan (59%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1623, 35.1284, 40.4708 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 27.1623, 35.1284, 40.4708 by changing the saturation by 10% instead.

■ 27.1623, 35.1284,
40.4708

■ 27.1623, 35.1284,
40.4708

280.5953,
325.1347, 363.7149

■ 17.8324, 23.7618,
27.5892

■ 54.5622, 67.6846,
77.1248

■ 10.9287, 15.1570,
17.7799

■ 73.3630, 89.6431,
101.7343

■ 6.0858, 8.9297,
10.6243

■ 96.0514, 115.9009,
131.0903

■ 2.9385, 4.6953,
5.7038

■ 122.9927,
146.8425, 165.6111

■ 1.1213, 2.0696,
2.6000

154.5525,
182.8523, 205.7155

■ 0.0428, 0.6475,
0.8924

191.0959,

■ 0.0000, 0.0000,

224.3147, 251.8219

0.0000

232.9884,
271.6140, 304.3488

■ 27.1623, 35.1284,
40.4708

■ 27.1623, 35.1284,
40.4708

■ 25.1847, 34.1308,
39.4323

■ 29.5520, 36.3399,
41.5453

■ 23.5914, 33.3300,
38.4262

■ 32.3737, 37.7729,
42.6545

■ 22.3555, 32.7131,
37.4518

■ 35.6495, 39.4397,
43.8002

■ 21.4458, 32.2641,
36.5077

■ 39.3992, 41.3504,
44.9836

■ 20.8254, 31.9639,
35.5920

■ 43.6412, 43.5146,
46.2054

■ 20.4189, 31.7737,
34.7012

■ 48.3934, 45.9414,
47.4667

■ 20.4012, 31.7654,
34.6601

■ 53.6722, 48.6394,
48.7682

■ 59.4937, 51.6169,
50.1107

■ 64.4591, 54.1526,
51.4289

Harmonies

Analogous

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



27.6105, 35.1284, 31.0998



27.1623, 35.1284, 40.4708



28.2866, 35.1284, 50.8476

Triad

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



27.1623, 35.1284, 40.4708



37.5383, 35.1284, 55.8415



36.1306, 35.1284, 23.2059

Complementary

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



27.1623, 35.1284, 40.4708



24.8894, 19.8422, 17.8488

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.



39.0696, 35.1284, 27.9247



27.1623, 35.1284, 40.4708



39.9211, 35.1284, 46.4172

Square

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



27.1623, 35.1284, 40.4708



34.1556, 35.1284, 60.6652



40.5001, 35.1284, 36.1098



32.6330, 35.1284, 22.1718

Rectangle

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



27.1623, 35.1284, 40.4708



29.8261, 35.1284, 56.5975



40.5001, 35.1284, 36.1098



37.2238, 35.1284, 24.3682

Sweetspot

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



27.1633, 35.1298, 40.4716



62.9950, 70.6935, 78.8933



24.0710, 34.0211, 18.3956



13.5257, 15.2796, 17.0888



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.



27.1633, 35.1298, 40.4716



46.2440, 62.1966, 71.8481



23.6005, 26.8110, 42.9624



8.1951, 9.0556, 10.0526



15.1944, 23.6430, 25.8612



0.4339, 0.6622, 0.7785

Inverse Universe

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



24.8894, 19.8422, 17.8488



41.5733, 30.7368, 25.3363



27.3546, 25.4543, 16.5689



8.0422, 8.0301, 8.5328



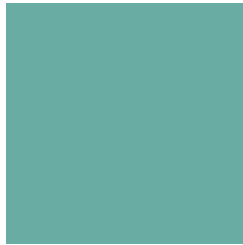
12.7674, 6.5695, 1.1548



0.3670, 0.1875, 0.0944

Previews

White Background



This preview shows how the XYZ color 27.1623, 35.1284, 40.4708 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 27.1623, 35.1284, 40.4708 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 27.1623, 35.1284, 40.4708

Background



This preview shows how black text looks on a background with the XYZ color 27.1623, 35.1284, 40.4708.

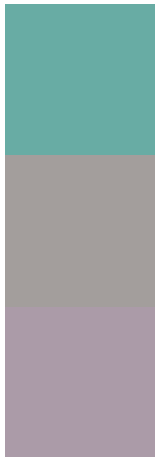


This preview shows how white text looks on a background with the XYZ color 27.1623, 35.1284,

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

27.1623, 35.1284, 40.4708

Protanopia

33.3319, 34.6405, 36.3820

Deuteranopia

35.5838, 34.9278, 41.9121



Tritanopia

29.0419, 35.0460, 50.0336

Trichromacy



Original Color

27.1623, 35.1284, 40.4708

Protanomaly

30.5105, 34.4484, 37.8420

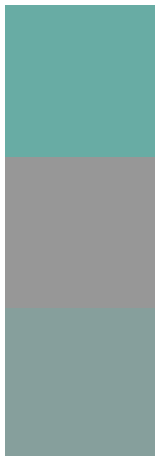
Deuteranomaly

31.7525, 34.4828, 41.5415

Tritanomaly

28.2746, 35.0098, 46.3416

Monochromacy



Original Color

27.1623, 35.1284, 40.4708

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.2304, 32.2649, 36.1923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1623, 35.1284, 40.4708 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(104, 172, 164)` looks like.

```
.text, #text, p{  
    color:rgb(104, 172, 164)  
}
```

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(104, 172, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 172, 164) }
```

Border

The CSS property to change the border of an element to XYZ 27.1623, 35.1284, 40.4708 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(104, 172, 164) }
```


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

```
.border{ border-color:rgb(104, 172, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 172, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 172, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 172, 164);  
box-shadow:4px 4px 4px 4px rgb(104, 172,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1623, 35.1284, 40.4708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 172, 164) }
```

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

```
.background{ background-color: rgb(104,  
172, 164) }
```

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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