

Converting Colors

XYZ(27.0659, 37.8464, 34.7327)

Have a look what the booklet for
XYZ(27.0659, 37.8464, 34.7327)
contains.

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Color

**XYZ(27.0659, 37.8464,
34.7327)**

Conversions

Conversions Part 1

Format	Color
Hex	62B596
RGB	98, 181, 150
RGB Percent	38%, 71%, 59%
CMY	0.6157, 0.2902, 0.4118
CMYK	0.46, 0.00, 0.17, 0.29
HSL	158°, 36%, 55%
HSV	158°, 46%, 71%
XYZ	27.0659, 37.8464, 34.7327
YIQ	152.6490, -39.5170, -27.2370

Conversions

Conversions Part 2

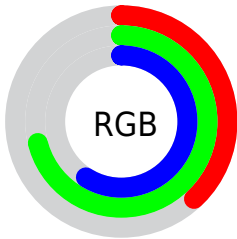
Format	Color
RYB	98, 149, 181
Decimal	6469014
CIELab	67.91, -32.72, 8.01
CIElCh	68, 33.685, 166.238
Yxy	37.8464, 0.2716, 0.3798
Android (android.graphics.Color)	4284659094 (0xFF62B596)
YUV	152.6490, -1.3060, -47.9272
Hunter-Lab	61.5194, -29.1267, 9.5896

Details

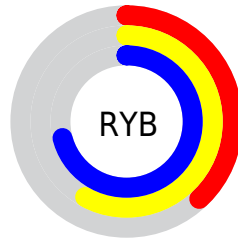
The XYZ color **27.0659, 37.8464, 34.7327** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **27.3875, 20.1451, 23.2153**, and the grayscale version is **30.1444, 31.7143, 34.5368**.

A 20% lighter version of the original color is **54.3201, 71.7003, 68.1033**, and **10.9261, 16.8314, 14.4773** is the 20% darker color. If you saturate the color by 10%, you get **24.8007, 36.7408, 31.8669**, and if you desaturate by 10%, it is **29.8062, 39.1953, 37.7864**.

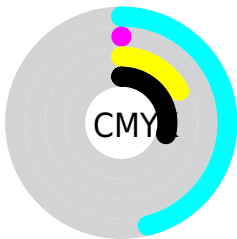
Distribution



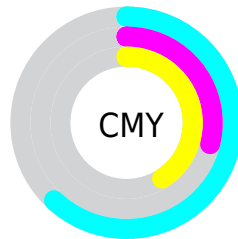
- Red (38%)
- Green (71%)
- Blue (59%)



- Red (38%)
- Yellow (58%)
- Blue (71%)



- Cyan (46%)
- Magenta (0%)
- Yellow (17%)
- Black (29%)





- Cyan (62%)
- Magenta (29%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0659, 37.8464, 34.7327 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 27.0659, 37.8464, 34.7327 by changing the saturation by 10% instead.


 27.0659, 37.8464,
34.7327


 27.0659, 37.8464,
34.7327


280.1378,
336.9606, 338.2552


 17.7596, 25.8635,
23.1751


 54.4087, 71.8726,
68.2183


 10.8761, 16.7215,
14.5164


 73.1760, 94.6848,
90.9835

 6.0503, 10.0362,
8.3378


 95.8275, 121.8755,
118.3216

 2.9166, 5.4229,
4.2210

 122.7288,
153.8290, 150.6512

 1.1098, 2.4975,
1.7474

154.2450,
190.9300, 188.3908

 0.0333, 0.8754,
0.3929

190.7417,

 0.0000, 0.0000,

233.5626, 231.9590

0.0000

232.5842,
282.1114, 281.7743

■ 27.0659, 37.8464,
34.7327

■ 27.0659, 37.8464,
34.7327

■ 24.8007, 36.7408,
31.8669

■ 29.8062, 39.1953,
37.7864

■ 22.9769, 35.8581,
29.1821

■ 33.0463, 40.7972,
41.0294

■ 21.5609, 35.1821,
26.6749


■ 36.8129, 42.6668,
44.4663


■ 20.5130, 34.6925,
24.3405


■ 41.1298, 44.8163,
48.1007


■ 19.7823, 34.3630,
22.1735


■ 46.0193, 47.2571,
51.9363

 19.5275, 34.2503,
21.3218

 51.5025, 50.0000,
55.9765

 57.5994, 53.0554,
60.2245

 64.3290, 56.4329,
64.6836

 69.5033, 59.0046,
69.2538

Harmonies

Analogous

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



29.1902, 37.8464, 24.3327



27.0659, 37.8464, 34.7327



27.1590, 37.8464, 49.7928

Triad

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



27.0659, 37.8464, 34.7327



38.8562, 37.8464, 75.4844



43.3813, 37.8464, 23.7191

Complementary

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



27.0659, 37.8464, 34.7327



27.3875, 20.1451, 23.2153

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.



46.5106, 37.8464, 33.6719



27.0659, 37.8464, 34.7327



43.7301, 37.8464, 64.4970

Square

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



27.0659, 37.8464, 34.7327



33.6334, 37.8464, 75.9673



46.6441, 37.8464, 48.4425



38.4163, 37.8464, 19.0958

Rectangle

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



27.0659, 37.8464, 34.7327



28.4587, 37.8464, 60.6740



46.6441, 37.8464, 48.4425



44.7030, 37.8464, 26.4269

Sweetspot

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



27.0669, 37.8479, 34.7336



67.1145, 77.0022, 80.6666



27.9075, 38.6625, 17.5476



14.1708, 16.4763, 17.1429



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.0669, 37.8479, 34.7336



44.3929, 65.7882, 57.0395



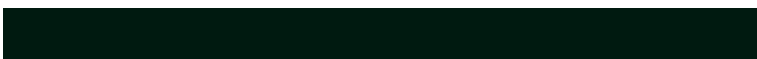
28.0015, 35.1799, 49.0324



8.6053, 9.5766, 10.1814



13.4958, 23.6243, 14.8794



0.4518, 0.7542, 0.6110

Inverse Universe

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



27.3875, 20.1451, 23.2153



45.0520, 30.1391, 33.9120



26.5910, 21.3650, 14.2783



8.6233, 8.5560, 9.5146



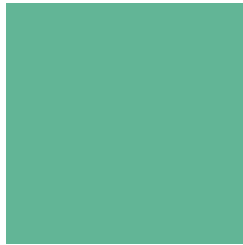
13.8791, 7.0692, 4.5232



0.4655, 0.2340, 0.2941

Previews

White Background



This preview shows how the XYZ color 27.0659, 37.8464, 34.7327 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 27.0659, 37.8464, 34.7327 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 27.0659, 37.8464, 34.7327

Background



This preview shows how black text looks on a background with the XYZ color 27.0659, 37.8464, 34.7327.

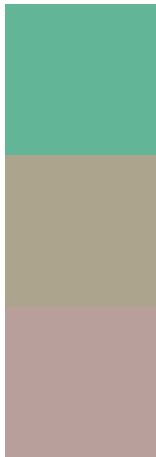


This preview shows how white text looks on a background with the XYZ color 27.0659, 37.8464,

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

27.0659, 37.8464, 34.7327

Protanopia

35.3168, 37.3582, 30.5488

Deuteranopia

38.0817, 37.3532, 36.2131



Tritanopia

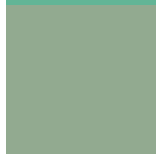
30.9309, 37.6289, 54.3481

Trichromacy



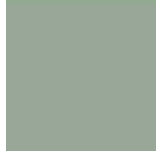
Original Color

27.0659, 37.8464, 34.7327



Protanomaly

31.2628, 36.8741, 31.8552



Deuteranomaly

32.7054, 36.7096, 35.4989



Tritanomaly

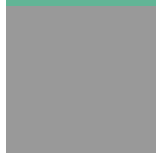
29.2857, 37.5427, 46.2604

Monochromacy



Original Color

27.0659, 37.8464, 34.7327



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

28.4376, 33.4479, 34.6630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0659, 37.8464, 34.7327 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(98, 181, 150)` looks like.

```
.text, #text, p{  
    color:rgb(98, 181, 150)  
}
```

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(98, 181, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 181, 150) }
```

Border

The CSS property to change the border of an element to XYZ 27.0659, 37.8464, 34.7327 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(98, 181, 150) }
```


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

```
.border{ border-color:rgb(98, 181, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 181, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 181, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 181, 150);  
box-shadow:4px 4px 4px 4px rgb(98, 181,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0659, 37.8464, 34.7327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 181, 150) }
```

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

```
.background{ background-color: rgb(98, 181,  
150) }
```

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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