

Converting Colors

XYZ(27.4079, 34.3541, 35.3676)

Have a look what the booklet for
XYZ(27.4079, 34.3541, 35.3676)
contains.

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Color

**XYZ(27.3601, 34.2271,
35.3015)**

Conversions

Conversions Part 1

Format	Color
Hex	77A899
RGB	119, 168, 153
RGB Percent	47%, 66%, 60%
CMY	0.5333, 0.3412, 0.4000
CMYK	0.29, 0.00, 0.09, 0.34
HSL	162°, 22%, 56%
HSV	162°, 29%, 66%
XYZ	27.3601, 34.2271, 35.3015
YIQ	151.6390, -24.3890, -15.0530

Conversions

Conversions Part 2

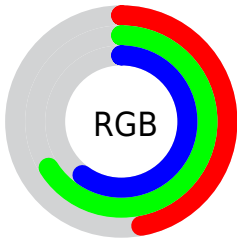
Format	Color
RYB	119, 148, 168
Decimal	7841945
CIELab	65.14, -19.61, 2.50
CIElCh	65, 19.772, 172.723
Yxy	34.2271, 0.2824, 0.3533
Android (android.graphics.Color)	4286032025 (0xFF77A899)
YUV	151.6390, 0.6710, -28.6244
Hunter-Lab	58.5039, -18.9041, 5.1769

Details

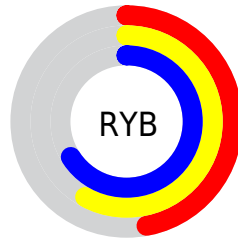
The XYZ color **27.3601, 34.2271, 35.3015** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.0495, 23.2405, 25.6156**, and the grayscale version is **29.6949, 31.2414, 34.0219**.

A 20% lighter version of the original color is **54.6634, 66.0510, 68.8995**, and **11.0276, 14.6790, 14.8225** is the 20% darker color. If you saturate the color by 10%, you get **24.8396, 32.9767, 33.0140**, and if you desaturate by 10%, it is **30.3084, 35.6978, 37.7061**.

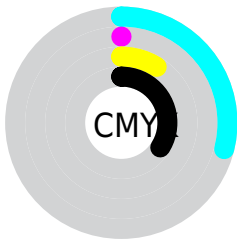
Distribution



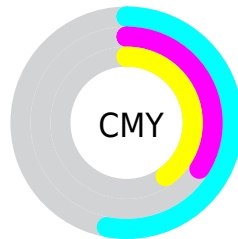
- Red (47%)
- Green (66%)
- Blue (60%)



- Red (47%)
- Yellow (58%)
- Blue (66%)



- Cyan (29%)
- Magenta (0%)
- Yellow (9%)
- Black (34%)



- Cyan (53%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3601, 34.2271, 35.3015 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 27.3601, 34.2271, 35.3015 by changing the saturation by 10% instead.

■ 27.3601, 34.2271,
35.3015

■ 27.3601, 34.2271,
35.3015

281.5323,
321.1435, 340.8417

■ 17.9818, 23.0681,
23.6098

■ 54.8770, 66.2867,
69.1094

■ 11.0366, 14.6438,
14.8349

■ 73.7463, 87.9561,
92.0628

■ 6.1589, 8.5698,
8.5583

■ 96.5101, 113.8977,
119.6070

■ 2.9835, 4.4617,
4.3613

123.5336,
144.4960, 152.1608

■ 1.1451, 1.9350,
1.8256

155.1822,
180.1353, 190.1426

■ 0.0623, 0.5693,
0.4448

191.8213,

■ 0.0000, 0.0000,

221.2001, 233.9710

0.0000

233.8162,
268.0747, 284.0646

■ 27.3601, 34.2271,
35.3015

■ 27.3601, 34.2271,
35.3015

■ 24.8396, 32.9767,
33.0140

■ 30.3084, 35.6978,
37.7061

■ 22.7224, 31.9311,
30.8391

■ 33.7018, 37.3948,
40.2275

■ 20.9857, 31.0797,
28.7752

■ 37.5601, 39.3294,
42.8687

■ 19.6033, 30.4090,
26.8199

■ 41.9008, 41.5105,
45.6315

■ 18.5457, 29.9036,
24.9705

■ 46.7409, 43.9467,
48.5178

■ 17.7780, 29.5457,
23.2240

■ 52.0962, 46.6464,
51.5294

■ 17.2315, 29.2998,
21.5761

■ 57.9820, 49.6172,
54.6683

■ 17.1889, 29.2808,
21.4429

■ 64.4128, 52.8668,
57.9360

■ 65.5860, 53.4036,
61.0621

Harmonies

Analogous

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



28.3361, 34.2271, 28.4929



27.3601, 34.2271, 35.3015



27.7035, 34.2271, 43.7103

Triad

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



27.3601, 34.2271, 35.3015



34.7099, 34.2271, 53.8249



35.9893, 34.2271, 26.0552

Complementary

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



27.3601, 34.2271, 35.3015



27.0495, 23.2405, 25.6156

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.



37.8909, 34.2271, 31.4911



27.3601, 34.2271, 35.3015



37.1225, 34.2271, 47.6806

Square

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



27.3601, 34.2271, 35.3015



31.8379, 34.2271, 55.2415



38.3174, 34.2271, 39.3052



33.2358, 34.2271, 23.6882

Rectangle

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



27.3601, 34.2271, 35.3015



28.6445, 34.2271, 49.0486



38.3174, 34.2271, 39.3052



36.7558, 34.2271, 27.5422

Sweetspot

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



27.3611, 34.2285, 35.3023



61.1557, 67.8562, 72.9966



27.2475, 34.4495, 22.6665



13.1303, 14.6900, 15.7675



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.3611, 34.2285, 35.3023



46.6001, 60.5953, 61.3461



27.0776, 31.5523, 41.7105



7.6483, 8.4924, 9.1339



13.0034, 22.1201, 16.3166



0.3376, 0.5467, 0.5087

Inverse Universe

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



27.0495, 23.2405, 25.6156



45.9450, 37.3700, 40.8889



27.1962, 25.0916, 20.8629



7.6222, 7.5787, 8.3275



12.6737, 6.4782, 3.0934



0.3309, 0.1666, 0.1941

Previews

White Background



This preview shows how the XYZ color 27.3601, 34.2271, 35.3015 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 27.3601, 34.2271, 35.3015 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

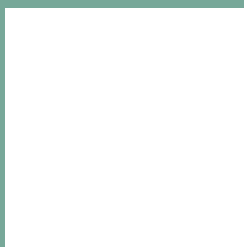
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3601, 34.2271, 35.3015

Background



This preview shows how black text looks on a background with the XYZ color 27.3601, 34.2271, 35.3015.

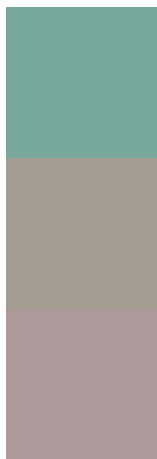


This preview shows how white text looks on a background with the XYZ color 27.3601, 34.2271,

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

27.3601, 34.2271, 35.3015

Protanopia

32.4277, 34.0071, 32.4587

Deuteranopia

34.4626, 33.7410, 36.1488



Tritanopia

29.6235, 34.0504, 47.1305

Trichromacy



Original Color

27.3601, 34.2271, 35.3015

Protanomaly

30.2023, 33.8627, 33.3781

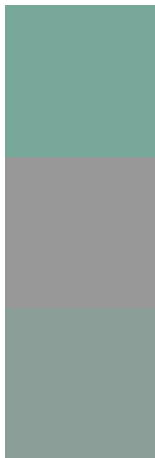
Deuteranomaly

31.2801, 33.5926, 35.8457

Tritanomaly

28.6426, 33.9124, 42.5722

Monochromacy



Original Color

27.3601, 34.2271, 35.3015

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.7096, 32.2962, 34.4264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3601, 34.2271, 35.3015 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(119, 168, 153)` looks like.

```
.text, #text, p{  
    color:rgb(119, 168, 153)  
}
```

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(119, 168, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 168, 153) }
```

Border

The CSS property to change the border of an element to XYZ 27.3601, 34.2271, 35.3015 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(119, 168, 153) }
```


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

```
.border{ border-color:rgb(119, 168, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 168, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 168, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 168, 153);  
box-shadow:4px 4px 4px 4px rgb(119, 168,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3601, 34.2271, 35.3015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 168, 153) }
```

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

```
.background{ background-color: rgb(119,  
168, 153) }
```

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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