

Converting Colors

XYZ(27.5644, 34.2039, 35.0169)

Have a look what the booklet for
XYZ(27.5644, 34.2039, 35.0169)
contains.

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Color

**XYZ(27.5553, 34.3372,
34.8812)**

Conversions

Conversions Part 1

Format	Color
Hex	79A898
RGB	121, 168, 152
RGB Percent	47%, 66%, 60%
CMY	0.5255, 0.3412, 0.4039
CMYK	0.28, 0.00, 0.10, 0.34
HSL	160°, 21%, 57%
HSV	160°, 28%, 66%
XYZ	27.5553, 34.3372, 34.8812
YIQ	152.1230, -22.8760, -14.9400

Conversions

Conversions Part 2

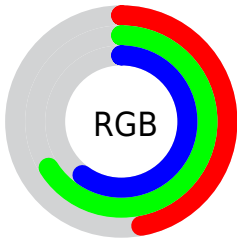
Format	Color
RYB	121, 149, 168
Decimal	7973016
CIELab	65.23, -19.20, 3.20
CIElCh	65, 19.470, 170.534
Yxy	34.3372, 0.2847, 0.3548
Android (android.graphics.Color)	4286163096 (0xFF79A898)
YUV	152.1230, -0.0606, -27.2949
Hunter-Lab	58.5980, -18.6080, 5.7254

Details

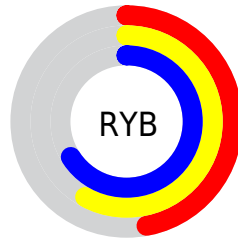
The XYZ color **27.5553, 34.3372, 34.8812** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.5024, 23.8066, 26.8140**, and the grayscale version is **29.9062, 31.4637, 34.2639**.

A 20% lighter version of the original color is **54.9838, 66.2303, 68.2783**, and **11.1929, 14.7700, 14.5729** is the 20% darker color. If you saturate the color by 10%, you get **24.9458, 33.0457, 32.3728**, and if you desaturate by 10%, it is **30.5993, 35.8519, 37.5294**.

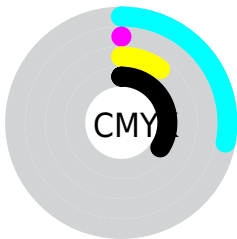
Distribution



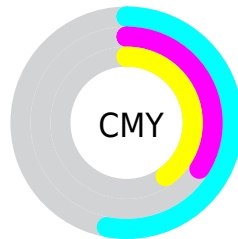
- Red (47%)
- Green (66%)
- Blue (60%)



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



- Cyan (28%)
- Magenta (0%)
- Yellow (10%)
- Black (34%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5553, 34.3372, 34.8812 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 27.5553, 34.3372, 34.8812 by changing the saturation by 10% instead.

■ 27.5553, 34.3372,
34.8812

■ 27.5553, 34.3372,
34.8812

282.4546,
321.6330, 338.9320

■ 18.1294, 23.1528,
23.2886

■ 55.1873, 66.4577,
68.4512

■ 11.1432, 14.7063,
14.5994

■ 74.1241, 88.1626,
91.2656

■ 6.2312, 8.6136,
8.3953

■ 96.9620, 114.1430,
118.6576

■ 3.0282, 4.4900,
4.2575

124.0663,
144.7834, 151.0459

■ 1.1687, 1.9513,
1.7676

155.8024,
180.4683, 188.8490

■ 0.0814, 0.5789,
0.4065

192.5355,

■ 0.0000, 0.0000,

221.5819, 232.4853

0.0000

234.6312,
268.5087, 282.3734

■ 27.5553, 34.3372,
34.8812

■ 27.5553, 34.3372,
34.8812

■ 24.9458, 33.0457,
32.3728

■ 30.5993, 35.8519,
37.5294

■ 22.7465, 31.9622,
29.9991

■ 34.0951, 37.5960,
40.3176

■ 20.9346, 31.0759,
27.7582

■ 38.0623, 39.5803,
43.2489

■ 19.4845, 30.3735,
25.6472

■ 42.5185, 41.8141,
46.3259

■ 18.3666, 29.8400,
23.6629

■ 47.4806, 44.3059,
49.5507

■ 17.5470, 29.4578,
21.8019

■ 52.9644, 47.0639,
52.9257

■ 16.9684, 29.1974,
20.0597

■ 58.9852, 50.0959,
56.4530

■ 16.8618, 29.1499,
19.7206

■ 65.4086, 53.3326,
60.1277

■ 66.0800, 53.6012,
63.6632

Harmonies

Analogous

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



28.6112, 34.3372, 28.3264



27.5553, 34.3372, 34.8812



27.7988, 34.3372, 43.1278

Triad

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



27.5553, 34.3372, 34.8812



34.5837, 34.3372, 53.9727



36.2209, 34.3372, 26.5955

Complementary

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



27.5553, 34.3372, 34.8812



27.5024, 23.8066, 26.8140

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.



38.0052, 34.3372, 32.1804



27.5553, 34.3372, 34.8812



37.0227, 34.3372, 48.1999

Square

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



27.5553, 34.3372, 34.8812



31.7492, 34.3372, 54.9731



38.3068, 34.3372, 40.0108



33.5401, 34.3372, 24.0197

Rectangle

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



27.5553, 34.3372, 34.8812



28.6710, 34.3372, 48.4642



38.3068, 34.3372, 40.0108



36.9517, 34.3372, 28.1417

Sweetspot

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



27.5563, 34.3386, 34.8820



61.7528, 68.1630, 73.0707



27.8454, 34.7437, 23.3283



13.2467, 14.7503, 15.7619



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.



27.5563, 34.3386, 34.8820



46.7688, 60.7069, 60.2414



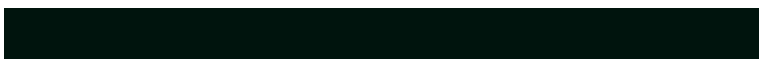
27.6903, 32.3657, 41.8352



7.6374, 8.4880, 9.0766



12.7575, 22.0217, 15.0215



0.3329, 0.5448, 0.4839

Inverse Universe

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



27.5024, 23.8066, 26.8140



46.6565, 38.1844, 43.0026



27.3264, 25.1576, 21.5054



7.6326, 7.5829, 8.3824



12.7780, 6.5199, 3.6428



0.3347, 0.1682, 0.2143

Previews

White Background



This preview shows how the XYZ color 27.5553, 34.3372, 34.8812 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 27.5553, 34.3372, 34.8812 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

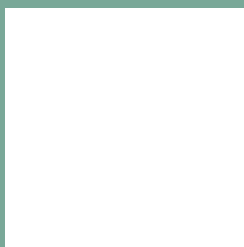
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5553, 34.3372, 34.8812

Background



This preview shows how black text looks on a background with the XYZ color 27.5553, 34.3372, 34.8812.



This preview shows how white text looks on a background with the XYZ color 27.5553, 34.3372,

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

27.5553, 34.3372, 34.8812

Protanopia

32.3495, 33.9758, 32.0471

Deuteranopia

34.7632, 34.1477, 35.7693



Tritanopia

29.8155, 34.1609, 46.6172

Trichromacy



Original Color

27.5553, 34.3372, 34.8812

Protanomaly

30.3029, 33.9238, 32.9678

Deuteranomaly

31.5772, 33.7554, 35.4230

Tritanomaly

28.8352, 34.0225, 42.0930

Monochromacy



Original Color

27.5553, 34.3372, 34.8812

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.8789, 32.3834, 34.4343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5553, 34.3372, 34.8812 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(121, 168, 152)` looks like.

```
.text, #text, p{  
    color:rgb(121, 168, 152)  
}
```

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(121, 168, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 168, 152) }
```

Border

The CSS property to change the border of an element to XYZ 27.5553, 34.3372, 34.8812 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(121, 168, 152) }
```


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

```
.border{ border-color:rgb(121, 168, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 168, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 168, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 168, 152);  
box-shadow:4px 4px 4px 4px rgb(121, 168,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5553, 34.3372, 34.8812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 168, 152) }
```

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

```
.background{ background-color: rgb(121,  
168, 152) }
```

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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