

Converting Colors

XYZ(27.1123, 33.1450, 41.5279)

Have a look what the booklet for
XYZ(27.1123, 33.1450, 41.5279)
contains.

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Color

**XYZ(27.1123, 33.1450,
41.5279)**

Conversions

Conversions Part 1

Format	Color
Hex	70A5A7
RGB	112, 165, 167
RGB Percent	44%, 65%, 65%
CMY	0.5608, 0.3529, 0.3451
CMYK	0.33, 0.01, 0.00, 0.35
HSL	182°, 24%, 55%
HSV	182°, 33%, 65%
XYZ	27.1123, 33.1450, 41.5279
YIQ	149.3810, -32.2300, -10.6140

Conversions

Conversions Part 2

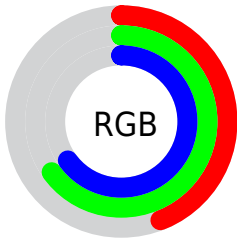
Format	Color
RYB	112, 139, 167
Decimal	7382439
CIELab	64.28, -16.89, -6.63
CIElCh	64, 18.142, 201.435
Yxy	33.1450, 0.2664, 0.3256
Android (android.graphics.Color)	4285572519 (0xFF70A5A7)
YUV	149.3810, 8.6862, -32.7831
Hunter-Lab	57.5717, -16.6893, -2.4672

Details

The XYZ color **27.1123, 33.1450, 41.5279** is a light color, and the websafe version is hex **669999**. A complement of this color would be **24.8788, 21.4204, 18.1534**, and the grayscale version is **28.7026, 30.1974, 32.8849**.

A 20% lighter version of the original color is **54.5039, 64.5673, 78.6973**, and **10.8631, 14.0087, 18.3511** is the 20% darker color. If you saturate the color by 10%, you get **25.0725, 31.9321, 41.4019**, and if you desaturate by 10%, it is **29.5487, 34.5647, 41.6741**.

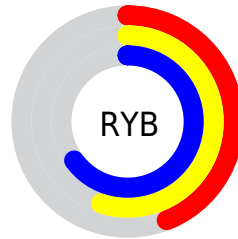
Distribution



Red (44%)

Green (65%)

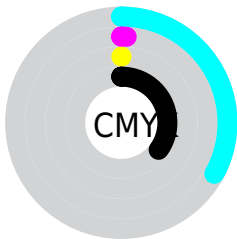
Blue (65%)



Red (44%)

Yellow (55%)

Blue (65%)

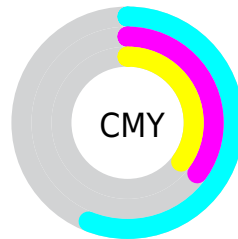


Cyan (33%)

Magenta (1%)

Yellow (0%)

Black (35%)



Cyan (56%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1123, 33.1450, 41.5279 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 27.1123, 33.1450, 41.5279 by changing the saturation by 10% instead.

■ 27.1123, 33.1450,
41.5279

■ 27.1123, 33.1450,
41.5279

280.3581,
316.3026, 368.2639

■ 17.7946, 22.2375,
28.4090

■ 54.4826, 64.6018,
78.7470

■ 10.9014, 14.0316,
18.3925

■ 73.2660, 85.9200,
103.6842

■ 6.0674, 8.1426,
11.0598

■ 95.9353, 111.4772,
133.3980

■ 2.9271, 4.1863,
5.9924

■ 122.8558,
141.6579, 168.3069

■ 1.1154, 1.7783,
2.7717

154.3931,
176.8463, 208.8294

■ 0.0379, 0.4736,
0.9793

190.9123,

■ 0.0000, 0.0000,

217.4270, 255.3840

0.0000

232.7788,
263.7843, 308.3894

■ 27.1123, 33.1450,
41.5279

■ 27.1123, 33.1450,
41.5279

■ 25.0725, 31.9321,
41.4019

■ 29.5487, 34.5647,
41.6741

■ 23.4044, 30.9109,
41.2927

■ 32.3990, 36.1977,
41.8391

■ 22.0853, 30.0703,
41.1999

■ 35.6828, 38.0550,
42.0245

■ 21.0883, 29.3966,
41.1224

■ 39.4178, 40.1456,
42.2311

■ 20.3828, 28.8738,
41.0587

■ 43.6206, 42.4782,
42.4599

■ 19.9323, 28.4834,
41.0071

■ 48.3070, 45.0609,
42.7114

■ 19.7084, 28.2566,
40.9751

■ 53.4921, 47.9014,
42.9864

■ 59.1903, 51.0072,
43.2855

■ 62.6770, 52.9738,
43.4813

Harmonies

Analogous

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



26.8530, 33.1450, 34.0168



27.1123, 33.1450, 41.5279



28.5141, 33.1450, 48.3617

Triad

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



27.1123, 33.1450, 41.5279



35.5388, 33.1450, 45.6788



32.2471, 33.1450, 23.7965

Complementary

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



27.1123, 33.1450, 41.5279



24.8788, 21.4204, 18.1534

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.



34.6945, 33.1450, 26.0914



27.1123, 33.1450, 41.5279



36.6617, 33.1450, 38.2443

Square

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



27.1123, 33.1450, 41.5279



33.3491, 33.1450, 50.9763



36.3446, 33.1450, 31.1475



29.7269, 33.1450, 24.4257

Rectangle

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



27.1123, 33.1450, 41.5279



29.9519, 33.1450, 51.2830



36.3446, 33.1450, 31.1475



33.1074, 33.1450, 24.2387

Sweetspot

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



27.1133, 33.1463, 41.5287



59.5632, 65.7014, 75.0176



23.5293, 32.2940, 20.8640



13.1582, 14.6057, 16.7778



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.



27.1133, 33.1463, 41.5287



45.6509, 57.6374, 74.1944



22.6986, 24.3170, 40.0571



7.7238, 8.4846, 9.6489



15.0889, 21.6379, 31.3568



0.3740, 0.5403, 0.7652

Inverse Universe

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



28.5229, 22.5213, 38.4424



48.6168, 35.5266, 67.6457



28.4358, 28.5343, 19.3390



7.8300, 7.6618, 9.4218



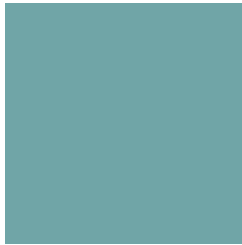
17.1168, 8.2554, 26.4901



0.4199, 0.2023, 0.6629

Previews

White Background



This preview shows how the XYZ color 27.1123, 33.1450, 41.5279 looks on a white background.

Color Contrast Check

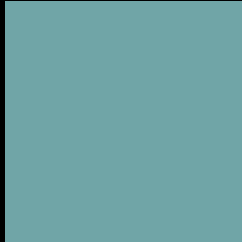
Large Text (above 18pt) WCAG AA × Fail

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 27.1123, 33.1450, 41.5279 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

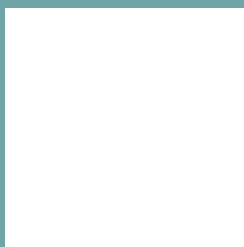
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1123, 33.1450, 41.5279

Background



This preview shows how black text looks on a background with the XYZ color 27.1123, 33.1450, 41.5279.

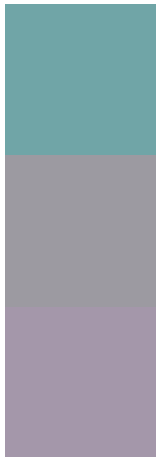


This preview shows how white text looks on a background with the XYZ color 27.1123, 33.1450,

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

27.1123, 33.1450, 41.5279

Protanopia

31.6989, 32.7523, 38.3693

Deuteranopia

33.6321, 32.9280, 42.6133



Tritanopia

28.1507, 33.3027, 46.5393

Trichromacy



Original Color

27.1123, 33.1450, 41.5279

Protanomaly

29.6529, 32.6735, 39.3941

Deuteranomaly

30.7270, 32.6612, 42.2209

Tritanomaly

27.6283, 33.0788, 44.4638

Monochromacy



Original Color

27.1123, 33.1450, 41.5279

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.8754, 31.0772, 35.9818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1123, 33.1450, 41.5279 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(112, 165, 167)` looks like.

```
.text, #text, p{  
    color:rgb(112, 165, 167)  
}
```

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(112, 165, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 165, 167) }
```

Border

The CSS property to change the border of an element to XYZ 27.1123, 33.1450, 41.5279 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(112, 165, 167) }
```


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

```
.border{ border-color:rgb(112, 165, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 165, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 165, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 165, 167);  
box-shadow:4px 4px 4px 4px rgb(112, 165,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1123, 33.1450, 41.5279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 165, 167) }
```

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

```
.background{ background-color: rgb(112,  
165, 167) }
```

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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