

Converting Colors

XYZ(27.6059, 30.3142, 41.9323)

Have a look what the booklet for
XYZ(27.6059, 30.3142, 41.9323)
contains.

XYZ(27.6059, 30.3142, 41.9323)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.6059, 30.3142,
41.9323)**

Conversions

Conversions Part 1

Format	Color
Hex	8199A9
RGB	129, 153, 169
RGB Percent	51%, 60%, 66%
CMY	0.4941, 0.4000, 0.3373
CMYK	0.24, 0.09, 0.00, 0.34
HSL	204°, 19%, 58%
HSV	204°, 24%, 66%
XYZ	27.6059, 30.3142, 41.9323
YIQ	147.6480, -19.4400, -0.1120

Conversions

Conversions Part 2

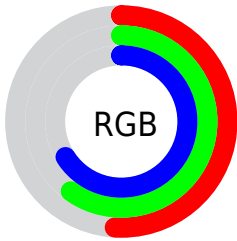
Format	Color
RYB	129, 144, 169
Decimal	8493481
CIELab	61.92, -4.76, -11.16
CIElCh	62, 12.129, 246.911
Yxy	30.3142, 0.2765, 0.3036
Android (android.graphics.Color)	4286683561 (0xFF8199A9)
YUV	147.6480, 10.5265, -16.3543
Hunter-Lab	55.0583, -6.8533, -6.6143

Details

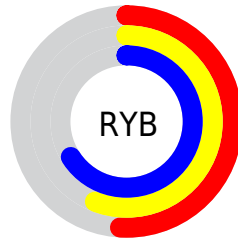
The XYZ color **27.6059, 30.3142, 41.9323** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4502, 30.2707, 25.0074**, and the grayscale version is **27.9659, 29.4223, 32.0409**.

A 20% lighter version of the original color is **55.0588, 59.9525, 79.1911**, and **11.1867, 12.4494, 18.6430** is the 20% darker color. If you saturate the color by 10%, you get **24.1731, 26.9492, 41.4642**, and if you desaturate by 10%, it is **31.5278, 34.0259, 42.4425**.

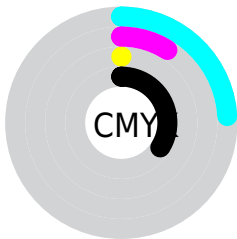
Distribution



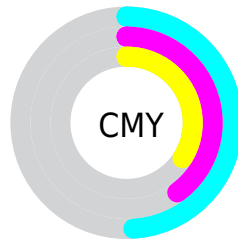
- Red (51%)
- Green (60%)
- Blue (66%)



- Red (51%)
- Yellow (56%)
- Blue (66%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (34%)



- Cyan (49%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6059, 30.3142, 41.9323 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 27.6059, 30.3142, 41.9323 by changing the saturation by 10% instead.

■ 27.6059, 30.3142,
41.9323

■ 27.6059, 30.3142,
41.9323

282.6933,
303.3663, 369.9936

■ 18.1677, 20.0772,
28.7231

■ 55.2677, 60.1587,
79.3661

■ 11.1709, 12.4512,
18.6277

■ 74.2220, 80.5350,
104.4279

■ 6.2500, 7.0517,
11.2275

■ 97.0791, 105.0599,
134.2775

■ 3.0398, 3.4945,
6.1040

124.2043,
134.1177, 169.3336

■ 1.1749, 1.3950,
2.8386

155.9629,
168.0928, 210.0148

■ 0.0864, 0.2130,
1.0128

192.7204,

■ 0.0000, 0.0000,

207.3697, 256.7394

0.0000

234.8421,
252.3327, 309.9262

■ 27.6059, 30.3142,
41.9323

■ 27.6059, 30.3142,
41.9323

■ 24.1731, 26.9492,
41.4642

■ 31.5278, 34.0259,
42.4425

■ 21.2048, 23.9143,
41.0349

■ 35.9565, 38.0927,
42.9941

■ 18.6782, 21.1972,
40.6436

■ 40.9121, 42.5271,
43.5888

■ 16.5674, 18.7827,
40.2888

■ 46.4127, 47.3399,
44.2279

■ 14.8435, 16.6544,
39.9688

■ 52.4757, 52.5414,
44.9123

■ 13.4734, 14.7935,
39.6819

■ 59.1175, 58.1414,
45.6432

■ 12.4177, 13.1779,
39.4257

■ 66.3538, 64.1495,
46.4214

■ 11.8551, 12.2517,
39.2765

■ 70.7329, 68.7873,
47.0858

■ 72.4065, 72.1346,
47.6437

Harmonies

Analogous

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



26.3883, 30.3142, 38.6722



27.6059, 30.3142, 41.9323



29.1900, 30.3142, 42.7007

Triad

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



27.6059, 30.3142, 41.9323



32.0239, 30.3142, 31.9430



26.9784, 30.3142, 26.3628

Complementary

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



27.6059, 30.3142, 41.9323



30.4502, 30.2707, 25.0074

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.



28.4388, 30.3142, 24.9040



27.6059, 30.3142, 41.9323



31.3813, 30.3142, 27.9240

Square

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



27.6059, 30.3142, 41.9323



31.7806, 30.3142, 36.6383



30.0542, 30.3142, 25.4476



26.0357, 30.3142, 29.6240

Rectangle

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



27.6059, 30.3142, 41.9323



30.2487, 30.3142, 41.6374



30.0542, 30.3142, 25.4476



27.4229, 30.3142, 25.6601

Sweetspot

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



27.6068, 30.3154, 41.9330



61.5482, 65.6297, 76.6490



28.3013, 35.0674, 31.7969



13.3173, 14.2151, 16.6940



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.



27.6068, 30.3154, 41.9330



46.3631, 51.3034, 74.6840



24.6944, 24.4905, 40.9622



7.4920, 8.0210, 9.5717



8.8888, 9.2378, 29.2901



0.2643, 0.3208, 0.7286

Inverse Universe

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



29.9629, 26.4361, 33.6619



51.3340, 43.4534, 57.1585



33.6603, 36.6909, 26.0774



7.7129, 7.6150, 8.8056



13.9873, 7.0036, 10.0104



0.3645, 0.1801, 0.3712

Previews

White Background



This preview shows how the XYZ color 27.6059, 30.3142, 41.9323 looks on a white background.

Color Contrast Check

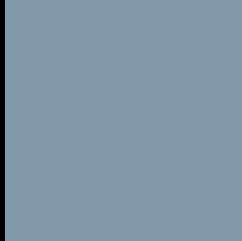
Large Text (above 18pt) WCAG AA × Fail

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 27.6059, 30.3142, 41.9323 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

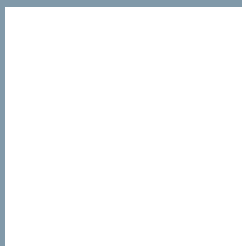
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6059, 30.3142, 41.9323

Background



This preview shows how black text looks on a background with the XYZ color 27.6059, 30.3142, 41.9323.



This preview shows how white text looks on a background with the XYZ color 27.6059, 30.3142,

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

27.6059, 30.3142, 41.9323

Protanopia

29.5055, 30.1360, 40.3381

Deuteranopia

30.9560, 30.3681, 42.7581



Tritanopia

27.3406, 30.4536, 40.5135

Trichromacy



Original Color

27.6059, 30.3142, 41.9323

Protanomaly

28.6966, 30.1782, 40.8717

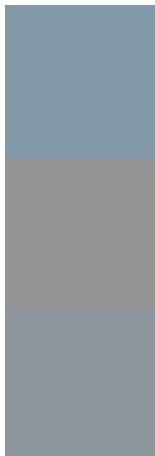
Deuteranomaly

29.6802, 30.4169, 42.3369

Tritanomaly

27.4327, 30.4904, 40.9986

Monochromacy



Original Color

27.6059, 30.3142, 41.9323

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.8916, 29.8757, 35.7490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6059, 30.3142, 41.9323 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(129, 153, 169)` looks like.

```
.text, #text, p{  
    color:rgb(129, 153, 169)  
}
```

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(129, 153, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 153, 169) }
```

Border

The CSS property to change the border of an element to XYZ 27.6059, 30.3142, 41.9323 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(129, 153, 169) }
```


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

```
.border{ border-color:rgb(129, 153, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 153, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 153, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 153, 169);  
box-shadow:4px 4px 4px 4px rgb(129, 153,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6059, 30.3142, 41.9323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 153, 169) }
```

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

```
.background{ background-color: rgb(129,  
153, 169) }
```

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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