

Converting Colors

XYZ(26.4930, 30.4810, 41.4350)

Have a look what the booklet for
XYZ(26.4930, 30.4810, 41.4350)
contains.

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Color

**XYZ(26.5641, 30.5260,
41.5378)**

Conversions

Conversions Part 1

Format	Color
Hex	779CA8
RGB	119, 156, 168
RGB Percent	47%, 61%, 66%
CMY	0.5333, 0.3882, 0.3412
CMYK	0.29, 0.07, 0.00, 0.34
HSL	195°, 22%, 56%
HSV	195°, 29%, 66%
XYZ	26.5641, 30.5260, 41.5378
YIQ	146.3050, -25.9040, -4.1120

Conversions

Conversions Part 2

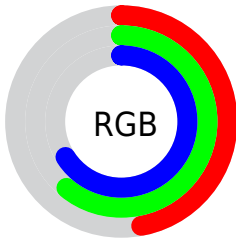
Format	Color
R _Y B	119, 140, 168
Decimal	7838888
CIE Lab	62.11, -9.76, -10.39
CIE LCh	62, 14.251, 226.797
Yxy	30.5260, 0.2693, 0.3095
Android (android.graphics.Color)	4286028968 (0xFF779CA8)
YUV	146.3050, 10.6956, -23.9465
Hunter-Lab	55.2503, -10.8661, -5.8996

Details

The XYZ color **26.5641, 30.5260, 41.5378** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.5950, 25.8896, 20.9963**, and the grayscale version is **27.4125, 28.8401, 31.4069**.

A 20% lighter version of the original color is **53.6268, 60.6869, 78.6993**, and **10.6582, 12.6293, 18.3990** is the 20% darker color. If you saturate the color by 10%, you get **23.7807, 28.0843, 41.2137**, and if you desaturate by 10%, it is **29.7803, 33.2270, 41.8901**.

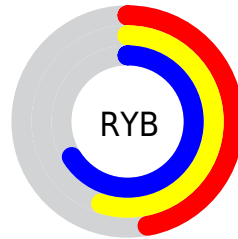
Distribution



Red (47%)

Green (61%)

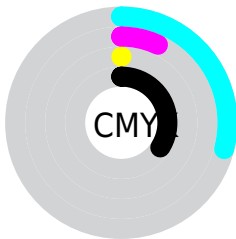
Blue (66%)



Red (47%)

Yellow (55%)

Blue (66%)

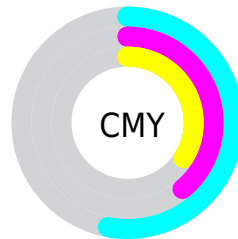


Cyan (29%)

Magenta (7%)

Yellow (0%)

Black (34%)



Cyan (53%)

Magenta (39%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5641, 30.5260, 41.5378 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 26.5641, 30.5260, 41.5378 by changing the saturation by 10% instead.

■ 26.5641, 30.5260,
41.5378

■ 26.5641, 30.5260,
41.5378

277.7465,
304.3486, 368.3063

■ 17.3810, 20.2382,
28.4167

■ 53.6084, 60.4930,
78.7621

■ 10.6035, 12.5683,
18.3982

■ 72.2004, 80.9410,
103.7025

■ 5.8662, 7.1320,
11.0639

■ 94.6593, 105.5445,
133.4196

■ 2.8038, 3.5448,
5.9951

121.3506,
134.6880, 168.3321

■ 1.0509, 1.4223,
2.7734

152.6397,
168.7557, 208.8584

■ 0.0000, 0.2331,
0.9801

188.8917,

■ 0.0000, 0.0000,

208.1321, 255.4172

0.0000

230.4722,
253.2016, 308.4270

■ 26.5641, 30.5260,
41.5378

■ 26.5641, 30.5260,
41.5378

■ 23.7807, 28.0843,
41.2137

■ 29.7803, 33.2270,
41.8901

■ 21.4056, 25.8868,
40.9147

■ 33.4467, 36.1944,
42.2697

■ 19.4162, 23.9221,
40.6404

■ 37.5830, 39.4394,
42.6780

■ 17.7861, 22.1763,
40.3893

■ 42.2068, 42.9714,
43.1161

■ 16.4858, 20.6339,
40.1601

■ 47.3351, 46.7995,
43.5847

■ 15.4806, 19.2765,
39.9511

■ 52.9836, 50.9321,
44.0846

■ 14.7016, 18.0684,
39.7590

■ 59.1677, 55.3775,
44.6167

■ 14.6397, 17.9707,
39.7434

■ 65.9019, 60.1434,
45.1817

■ 67.3839, 62.2390,
45.5081

Harmonies

Analogous

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



25.6278, 30.5260, 36.3811



26.5641, 30.5260, 41.5378



28.1806, 30.5260, 44.6054

Triad

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



26.5641, 30.5260, 41.5378



32.7509, 30.5260, 35.7065



27.9623, 30.5260, 24.1247

Complementary

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



26.5641, 30.5260, 41.5378



27.5950, 25.8896, 20.9963

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.



29.8638, 30.5260, 23.9866



26.5641, 30.5260, 41.5378



32.6862, 30.5260, 30.2807

Square

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



26.5641, 30.5260, 41.5378



31.7835, 30.5260, 40.9974



31.6102, 30.5260, 26.1241



26.4104, 30.5260, 26.5245

Rectangle

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



26.5641, 30.5260, 41.5378



29.4523, 30.5260, 44.8550



31.6102, 30.5260, 26.1241



28.5802, 30.5260, 23.8223

Sweetspot

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



26.5650, 30.5272, 41.5385



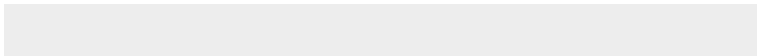
60.6935, 65.6795, 76.7036



25.6695, 33.5512, 26.3958



13.0143, 14.1442, 16.6963



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.



26.5650, 30.5272, 41.5385



44.8463, 52.4724, 74.9896



22.9366, 23.2705, 40.3290



7.5896, 8.2162, 9.6042



11.0968, 13.6538, 30.0261



0.3065, 0.4051, 0.7427

Inverse Universe

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



28.7468, 23.9196, 34.5556



49.5426, 38.8090, 59.8334



31.1891, 33.0779, 22.1944



7.7622, 7.6347, 9.0650



15.1017, 7.4494, 15.8792



0.3858, 0.1886, 0.4833

Previews

White Background



This preview shows how the XYZ color 26.5641, 30.5260, 41.5378 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 26.5641, 30.5260, 41.5378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

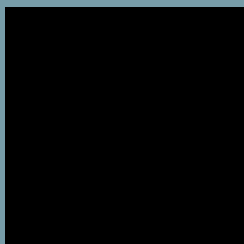
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

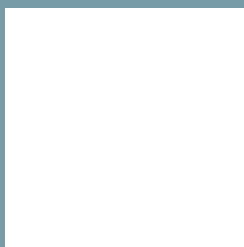
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5641, 30.5260, 41.5378

Background



This preview shows how black text looks on a background with the XYZ color 26.5641, 30.5260, 41.5378.



This preview shows how white text looks on a background with the XYZ color 26.5641, 30.5260,

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

26.5641, 30.5260, 41.5378

Protanopia

29.5710, 30.4351, 38.9663

Deuteranopia

31.0522, 30.4286, 42.2669



Tritanopia

26.5641, 30.5260, 41.5378

Trichromacy



Original Color

26.5641, 30.5260, 41.5378

Protanomaly

28.3363, 30.4915, 39.9893

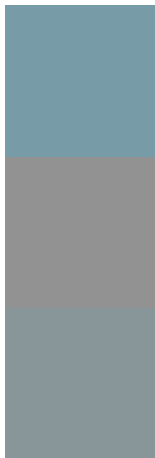
Deuteranomaly

29.2231, 30.4280, 41.8691

Tritanomaly

26.5641, 30.5260, 41.5378

Monochromacy



Original Color

26.5641, 30.5260, 41.5378

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.8924, 29.3800, 34.8254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5641, 30.5260, 41.5378 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, 156, 168)` looks like.

```
.text, #text, p{  
    color:rgb(119, 156, 168)  
}
```

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, 156, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 156, 168) }
```

Border

The CSS property to change the border of an element to XYZ 26.5641, 30.5260, 41.5378 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, 156, 168) }
```


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

```
.border{ border-color:rgb(119, 156, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 156, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 156, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 156, 168);  
box-shadow:4px 4px 4px 4px rgb(119, 156,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5641, 30.5260, 41.5378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 156, 168) }
```

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

```
.background{ background-color: rgb(119,  
156, 168) }
```

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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