

Converting Colors

XYZ(26.9864, 26.4243, 57.1332)

Have a look what the booklet for
XYZ(26.9864, 26.4243, 57.1332)
contains.

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Color

**XYZ(27.0334, 26.4644,
57.1094)**

Conversions

Conversions Part 1

Format	Color
Hex	778BC6
RGB	119, 139, 198
RGB Percent	47%, 55%, 78%
CMY	0.5333, 0.4549, 0.2235
CMYK	0.40, 0.30, 0.00, 0.22
HSL	225°, 41%, 62%
HSV	225°, 40%, 78%
XYZ	27.0334, 26.4644, 57.1094
YIQ	139.7460, -30.8590, 14.1090

Conversions

Conversions Part 2

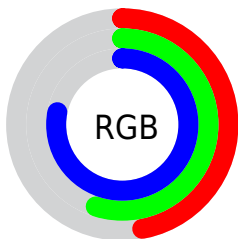
Format	Color
R_{YB}	119, 135, 198
Decimal	7834566
CIE Lab	58.48, 7.81, -32.89
CIE LCh	58, 33.800, 283.352
Yxy	26.4644, 0.2444, 0.2393
Android (android.graphics.Color)	4286024646 (0xFF778BC6)
YUV	139.7460, 28.7192, -18.1942
Hunter-Lab	51.4436, 3.7749, -29.8095

Details

The XYZ color **27.0334, 26.4644, 57.1094** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.5396, 45.1793, 23.9322**, and the grayscale version is **24.7303, 26.0182, 28.3338**.

A 20% lighter version of the original color is **54.3552, 53.9179, 102.1501**, and **10.8532, 10.3166, 27.8048** is the 20% darker color. If you saturate the color by 10%, you get **22.5956, 21.2106, 56.3297**, and if you desaturate by 10%, it is **32.3288, 32.5912, 58.0134**.

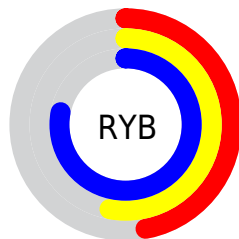
Distribution



Red (47%)

Green (55%)

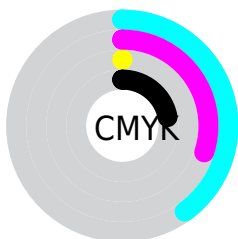
Blue (78%)



Red (47%)

Yellow (53%)

Blue (78%)

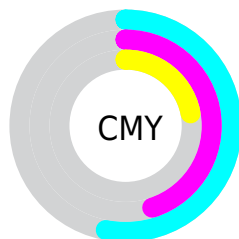


Cyan (40%)

Magenta (30%)

Yellow (0%)

Black (22%)



Cyan (53%)

Magenta (45%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0334, 26.4644, 57.1094 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 27.0334, 26.4644, 57.1094 by changing the saturation by 10% instead.

■ 27.0334, 26.4644,
57.1094

■ 27.0334, 26.4644,
57.1094

279.9834,
285.0544, 431.3643

■ 17.7350, 17.1714,
40.6831

■ 54.3570, 54.0232,
102.1267

■ 10.8585, 10.3568,
27.7537

■ 73.1129, 73.0578,
131.5549

■ 6.0383, 5.6361,
17.9027

■ 95.7520, 96.1083,
166.1540

■ 2.9093, 2.6251,
10.7114

122.6397,
123.5592, 206.3428

■ 1.1060, 0.9393,
5.7614

154.1413,
155.7949, 252.5396

■ 0.0301, 0.0000,
2.6341

190.6223,

■ 0.0000, 0.0000,

193.1997, 305.1632

0.9100

232.4478,
236.1581, 364.6319

■ 0.0000, 0.0000,
0.0000

■ 27.0334, 26.4644,
57.1094

■ 27.0334, 26.4644,
57.1094

■ 22.5956, 21.2106,
56.3297

■ 32.3288, 32.5912,
58.0134

■ 18.9656, 16.7856,
55.6669

■ 38.5222, 39.6267,
59.0449

■ 16.0926, 13.1453,
55.1157

■ 45.6548, 47.6077,
60.2095

■ 13.9185, 10.2402,
54.6695

■ 53.7645, 56.5685,
61.5117

■ 12.3757, 8.0141,
54.3212

■ 62.8868, 66.5415,
62.9559

■ 11.3482, 6.3836,
54.0606

■ 73.0556, 77.5573,
64.5462

■ 11.3391, 6.3693,
54.0583

■ 83.3387, 89.1483,
66.2415

■ 87.1931, 96.8573,
67.5263

Harmonies

Analogous

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



22.9453, 26.4644, 56.5765



27.0334, 26.4644, 57.1094



31.0116, 26.4644, 48.7306

Triad

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



27.0334, 26.4644, 57.1094



31.3847, 26.4644, 15.8472



18.2834, 26.4644, 22.7753

Complementary

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



27.0334, 26.4644, 57.1094



42.5396, 45.1793, 23.9322

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.



20.0841, 26.4644, 15.2340



27.0334, 26.4644, 57.1094



27.4993, 26.4644, 12.0501

Square

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



27.0334, 26.4644, 57.1094



33.7032, 26.4644, 23.8734



23.3631, 26.4644, 11.8616



18.1880, 26.4644, 34.3959

Rectangle

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



27.0334, 26.4644, 57.1094



32.9442, 26.4644, 40.2734



23.3631, 26.4644, 11.8616



18.6996, 26.4644, 19.7669

Sweetspot

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



27.0343, 26.4654, 57.1100



77.8125, 80.9272, 106.1271



35.7318, 47.4824, 48.8427



16.2868, 16.9107, 22.6556



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



27.0343, 26.4654, 57.1100



40.8615, 38.5774, 99.9003



27.1785, 22.6270, 56.3615



10.2713, 10.7166, 13.4447



7.4327, 4.2593, 35.1747



0.4120, 0.3217, 1.6855

Inverse Universe

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



34.5465, 27.0645, 27.8302



56.2365, 40.5912, 39.7976



42.2462, 51.3721, 25.1430



10.7422, 10.6803, 11.6257



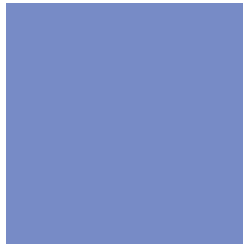
15.5510, 7.9700, 2.8456



0.7666, 0.3895, 0.2943

Previews

White Background



This preview shows how the XYZ color 27.0334, 26.4644, 57.1094 looks on a white background.

Color Contrast Check

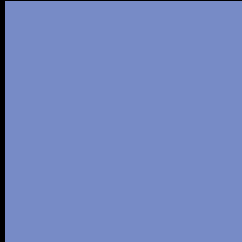
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0334, 26.4644, 57.1094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

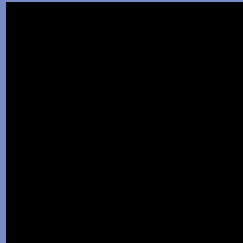
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0334, 26.4644, 57.1094

Background



This preview shows how black text looks on a background with the XYZ color 27.0334, 26.4644, 57.1094.



This preview shows how white text looks on a background with the XYZ color 27.0334, 26.4644,

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

27.0334, 26.4644, 57.1094

Protanopia

27.1926, 26.3458, 56.4754

Deuteranopia

27.1714, 26.5355, 57.1159



Tritanopia

22.9119, 26.5873, 36.2720

Trichromacy



Original Color

27.0334, 26.4644, 57.1094

Protanomaly

27.0517, 26.2731, 56.4688

Deuteranomaly

27.1714, 26.5355, 57.1159

Tritanomaly

24.3261, 26.4744, 43.3631

Monochromacy



Original Color

27.0334, 26.4644, 57.1094

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.3268, 26.2349, 37.4472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0334, 26.4644, 57.1094 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, 139, 198)` looks like.

```
.text, #text, p{  
    color:rgb(119, 139, 198)  
}
```

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, 139, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 139, 198) }
```

Border

The CSS property to change the border of an element to XYZ 27.0334, 26.4644, 57.1094 is called "border". The border property can be set on classes, ids or directly on the HTML element.

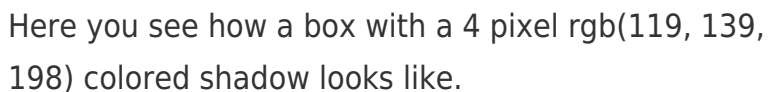
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 139, 198) }
```


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

```
.border{ border-color:rgb(119, 139, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 139, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 139, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 139, 198);  
box-shadow:4px 4px 4px 4px rgb(119, 139,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0334, 26.4644, 57.1094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 139, 198) }
```

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

```
.background{ background-color: rgb(119,  
139, 198) }
```

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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