

Converting Colors

XYZ(24.8905, 26.9061, 40.9402)

Have a look what the booklet for
XYZ(24.8905, 26.9061, 40.9402)
contains.

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Color

**XYZ(24.7869, 26.7667,
40.9059)**

Conversions

Conversions Part 1

Format	Color
Hex	7890A8
RGB	120, 144, 168
RGB Percent	47%, 56%, 66%
CMY	0.5294, 0.4353, 0.3412
CMYK	0.29, 0.14, 0.00, 0.34
HSL	210°, 22%, 56%
HSV	210°, 29%, 66%
XYZ	24.7869, 26.7667, 40.9059
YIQ	139.5600, -22.0080, 2.3760

Conversions

Conversions Part 2

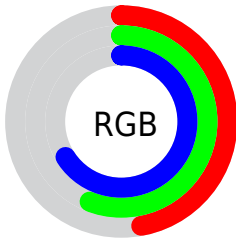
Format	Color
R_{YB}	120, 136, 168
Decimal	7901352
CIE _{Lab}	58.76, -2.79, -15.42
CIE _{LCh}	59, 15.670, 259.761
Yxy	26.7667, 0.2681, 0.2895
Android (android.graphics.Color)	4286091432 (0xFF7890A8)
YUV	139.5600, 14.0209, -17.1541
Hunter-Lab	51.7365, -5.0199, -10.6625

Details

The XYZ color **24.7869, 26.7667, 40.9059** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **29.5124, 29.6279, 21.9334**, and the grayscale version is **24.7109, 25.9978, 28.3116**.

A 20% lighter version of the original color is **50.7469, 54.6001, 77.6763**, and **9.6809, 10.5685, 18.0527** is the 20% darker color. If you saturate the color by 10%, you get **21.4331, 23.2194, 40.3984**, and if you desaturate by 10%, it is **28.6459, 30.7162, 41.4653**.

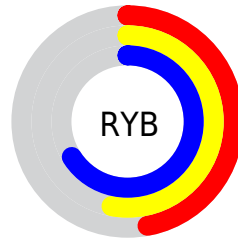
Distribution



Red (47%)

Green (56%)

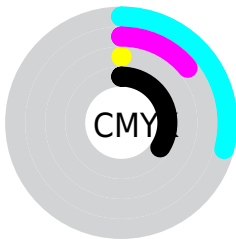
Blue (66%)



Red (47%)

Yellow (53%)

Blue (66%)

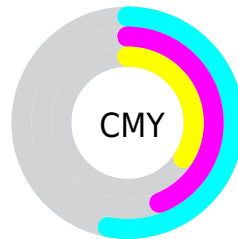


Cyan (29%)

Magenta (14%)

Yellow (0%)

Black (34%)



Cyan (53%)

Magenta (44%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7869, 26.7667, 40.9059 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 24.7869, 26.7667, 40.9059 by changing the saturation by 10% instead.

■ 24.7869, 26.7667,
40.9059

■ 24.7869, 26.7667,
40.9059

269.1423,
286.5257, 365.5922

■ 16.0462, 17.3981,
27.9264

■ 50.7567, 54.5093,
77.7931

■ 9.6479, 10.5187,
18.0316

■ 68.7165, 73.6520,
102.5380

■ 5.2266, 5.7442,
10.8030

■ 90.4801, 96.8216,
132.0417

■ 2.4170, 2.6902,
5.8220

116.4129,
124.4024, 166.7228

■ 0.8536, 0.9722,
2.6701

146.8801,
156.7788, 206.9999

■ 0.0000, 0.0000,
0.9283

182.2472,

■ 0.0000, 0.0000,

194.3352, 253.2914

0.0000

222.8795,
237.4561, 306.0160

■ 24.7869, 26.7667,
40.9059

■ 24.7869, 26.7667,
40.9059

■ 21.4331, 23.2194,
40.3984

■ 28.6459, 30.7162,
41.4653

■ 18.5585, 20.0560,
39.9393

■ 33.0293, 35.0790,
42.0764

■ 16.1386, 17.2614,
39.5275

■ 37.9584, 39.8694,
42.7412

■ 14.1454, 14.8179,
39.1609

■ 43.4525, 45.1001,
43.4613

■ 12.5474, 12.7058,
38.8374

■ 49.5299, 50.7834,
44.2380

■ 11.3081, 10.9028,
38.5547

■ 56.2081, 56.9309,
45.0725

■ 10.3626, 9.3719,
38.3091

■ 63.5038, 63.5537,
45.9664

■ 10.2386, 9.1684,
38.2763

■ 71.4330, 70.6626,
46.9206

■ 73.7965, 75.0642,
47.6456

Harmonies

Analogous

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



23.1179, 26.7667, 38.0348



24.7869, 26.7667, 40.9059



26.7165, 26.7667, 40.3361

Triad

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



24.7869, 26.7667, 40.9059



29.0962, 26.7667, 25.6963



22.7116, 26.7667, 22.8031

Complementary

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



24.7869, 26.7667, 40.9059



29.5124, 29.6279, 21.9334

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.



24.2066, 26.7667, 20.2418



24.7869, 26.7667, 40.9059



27.9146, 26.7667, 21.7600

Square

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



24.7869, 26.7667, 40.9059



29.2709, 26.7667, 31.0749



26.1064, 26.7667, 19.8857



21.9605, 26.7667, 27.2955

Rectangle

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



24.7869, 26.7667, 40.9059



27.8894, 26.7667, 38.1029



26.1064, 26.7667, 19.8857



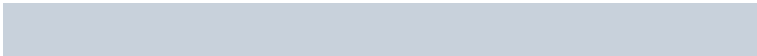
23.1402, 26.7667, 21.7132

Sweetspot

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



24.7877, 26.7678, 40.9065



59.4351, 63.1627, 76.2841



26.7221, 33.9882, 31.2188



12.7003, 13.5162, 16.5916



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.



24.7877, 26.7678, 40.9065



41.1888, 44.5905, 73.6610



21.6275, 20.4473, 39.8531



7.4301, 7.8970, 9.5510



7.7830, 7.0262, 28.9215



0.2406, 0.2734, 0.7207

Inverse Universe

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



27.8997, 23.7722, 29.5046



47.8348, 38.6557, 49.2071



33.3946, 37.3922, 23.2275



7.6817, 7.6025, 8.6409



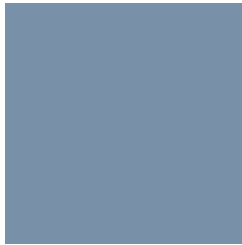
13.4291, 6.7803, 7.0711



0.3526, 0.1753, 0.3082

Previews

White Background



This preview shows how the XYZ color 24.7869, 26.7667, 40.9059 looks on a white background.

Color Contrast Check

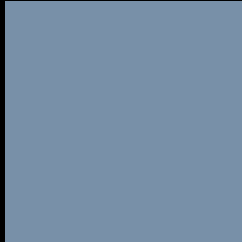
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7869, 26.7667, 40.9059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

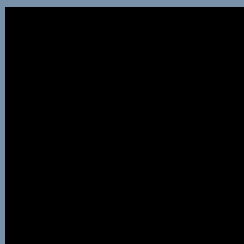
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

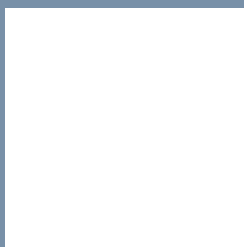
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7869, 26.7667, 40.9059

Background



This preview shows how black text looks on a background with the XYZ color 24.7869, 26.7667, 40.9059.



This preview shows how white text looks on a background with the XYZ color 24.7869, 26.7667,

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

24.7869, 26.7667, 40.9059

Protanopia

26.3230, 26.7070, 39.3649

Deuteranopia

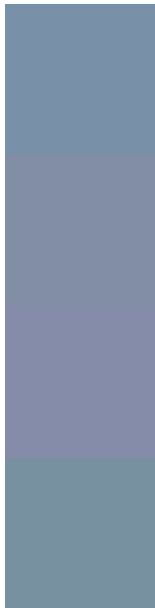
27.2344, 26.7043, 41.2551



Tritanopia

23.8359, 26.8436, 35.8233

Trichromacy



Original Color

24.7869, 26.7667, 40.9059

Protanomaly

25.6137, 26.5488, 39.8508

Deuteranomaly

26.2124, 26.6073, 41.2903

Tritanomaly

24.1662, 26.7459, 37.6070

Monochromacy



Original Color

24.7869, 26.7667, 40.9059

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.7028, 26.2383, 32.6167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7869, 26.7667, 40.9059 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(120, 144, 168)` looks like.

```
.text, #text, p{  
    color:rgb(120, 144, 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(120, 144, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 144, 168) }
```

Border

The CSS property to change the border of an element to XYZ 24.7869, 26.7667, 40.9059 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(120, 144, 168) }
```


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

```
.border{ border-color:rgb(120, 144, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 144, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 144, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 144, 168); box-shadow:4px 4px 4px 4px rgb(120, 144, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7869, 26.7667, 40.9059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 144, 168) }
```

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

```
.background{ background-color: rgb(120,  
144, 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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