

Converting Colors

XYZ(24.4261, 26.9337, 38.1994)

Have a look what the booklet for
XYZ(24.4261, 26.9337, 38.1994)
contains.

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Color

**XYZ(24.3927, 26.8525,
38.0798)**

Conversions

Conversions Part 1

Format	Color
Hex	7891A2
RGB	120, 145, 162
RGB Percent	47%, 57%, 64%
CMY	0.5294, 0.4314, 0.3647
CMYK	0.26, 0.10, 0.00, 0.36
HSL	204°, 18%, 55%
HSV	204°, 26%, 64%
XYZ	24.3927, 26.8525, 38.0798
YIQ	139.4630, -20.3570, -0.0130

Conversions

Conversions Part 2

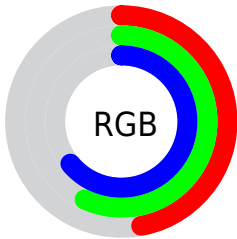
Format	Color
R_{YB}	120, 136, 162
Decimal	7901602
CIE Lab	58.84, -4.83, -11.88
CIE LCh	59, 12.825, 247.867
Yxy	26.8525, 0.2731, 0.3006
Android (android.graphics.Color)	4286091682 (0xFF7891A2)
YUV	139.4630, 11.1107, -17.0691
Hunter-Lab	51.8194, -6.6595, -7.2960

Details

The XYZ color **24.3927, 26.8525, 38.0798** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.2364, 26.9289, 21.5322**, and the grayscale version is **24.6839, 25.9694, 28.2806**.

A 20% lighter version of the original color is **50.1814, 54.7408, 73.5668**, and **9.4325, 10.6123, 16.3031** is the 20% darker color. If you saturate the color by 10%, you get **21.3603, 23.8452, 37.6596**, and if you desaturate by 10%, it is **27.8647, 30.1736, 38.5383**.

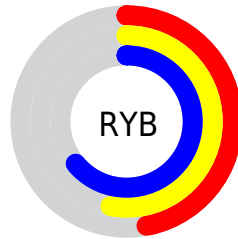
Distribution



Red (47%)

Green (57%)

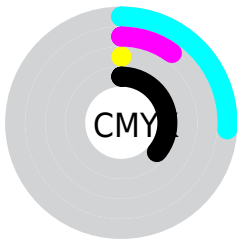
Blue (64%)



Red (47%)

Yellow (53%)

Blue (64%)

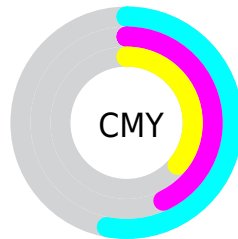


Cyan (26%)

Magenta (10%)

Yellow (0%)

Black (36%)



Cyan (53%)

Magenta (43%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3927, 26.8525, 38.0798 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 24.3927, 26.8525, 38.0798 by changing the saturation by 10% instead.

■ 24.3927, 26.8525,
38.0798

■ 24.3927, 26.8525,
38.0798

267.2037,
286.9422, 353.2706

■ 15.7515, 17.4625,
25.7423

■ 50.1203, 54.6471,
73.4352

■ 9.4382, 10.5648,
16.4069

■ 67.9374, 73.8204,
97.2902

■ 5.0875, 5.7750,
9.6551

■ 89.5438, 97.0237,
125.8215

■ 2.3340, 2.7087,
5.0683

115.3050,
124.6412, 159.4476

■ 0.8120, 0.9816,
2.2279

145.5862,
157.0575, 198.5870

■ 0.0000, 0.0000,
0.6904

180.7528,

■ 0.0000, 0.0000,

194.6568, 243.6582

0.0000

221.1702,
237.8236, 295.0800

■ 24.3927, 26.8525,
38.0798

■ 24.3927, 26.8525,
38.0798

■ 21.3603, 23.8452,
37.6596

■ 27.8647, 30.1736,
38.5383

■ 18.7449, 21.1367,
37.2747

■ 31.7926, 33.8163,
39.0344

■ 16.5256, 18.7153,
36.9242

■ 36.1948, 37.7921,
39.5698

■ 14.6786, 16.5672,
36.6070

■ 41.0878, 42.1108,
40.1455

■ 13.1769, 14.6770,
36.3213

■ 46.4875, 46.7821,
40.7625

■ 11.9899, 13.0274,
36.0654

■ 52.4088, 51.8148,
41.4218

■ 11.0763, 11.5953,
35.8372

■ 58.8662, 57.2176,
42.1243

■ 10.7444, 11.0541,
35.7502

■ 65.8736, 62.9989,
42.8709

■ 69.3573, 67.0600,
43.4712

Harmonies

Analogous

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



23.1940, 26.8525, 34.9224



24.3927, 26.8525, 38.0798



25.9414, 26.8525, 38.7520

Triad

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



24.3927, 26.8525, 38.0798



28.6583, 26.8525, 28.0607



23.6992, 26.8525, 22.8813

Complementary

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



24.3927, 26.8525, 38.0798



27.2364, 26.9289, 21.5322

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.



25.1081, 26.8525, 21.4242



24.3927, 26.8525, 38.0798



28.0018, 26.8525, 24.2062

Square

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



24.3927, 26.8525, 38.0798



28.4474, 26.8525, 32.6469



26.6866, 26.8525, 21.8828



22.8053, 26.8525, 26.0747

Rectangle

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



24.3927, 26.8525, 38.0798



26.9720, 26.8525, 37.6419



26.6866, 26.8525, 21.8828



24.1259, 26.8525, 22.1881

Sweetspot

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



24.3935, 26.8536, 38.0804



56.0553, 59.8661, 70.6570



25.1676, 31.6346, 28.3720



12.3511, 13.2255, 15.8393



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.3935, 26.8536, 38.0804



41.0694, 45.5883, 68.6909



21.5006, 21.0678, 37.1161



7.0345, 7.5280, 8.9854



8.5076, 8.7946, 28.1789



0.2234, 0.2740, 0.6070

Inverse Universe

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



26.7282, 23.1593, 29.8507



46.1025, 38.0215, 50.8609



30.4837, 33.4235, 22.6146



7.2424, 7.1534, 8.2628



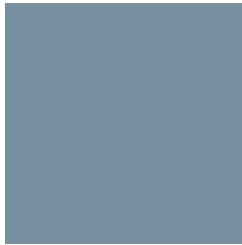
13.4397, 6.7319, 9.5062



0.3049, 0.1505, 0.3183

Previews

White Background



This preview shows how the XYZ color 24.3927, 26.8525, 38.0798 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 24.3927, 26.8525, 38.0798 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

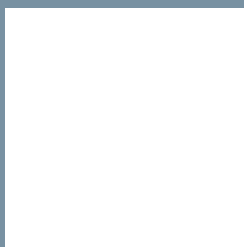
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3927, 26.8525, 38.0798

Background



This preview shows how black text looks on a background with the XYZ color 24.3927, 26.8525, 38.0798.



This preview shows how white text looks on a background with the XYZ color 24.3927, 26.8525,

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

24.3927, 26.8525, 38.0798

Protanopia

26.2836, 26.7483, 36.5785

Deuteranopia

27.2009, 26.7506, 38.3801



Tritanopia

23.9724, 26.9140, 35.8297

Trichromacy



Original Color

24.3927, 26.8525, 38.0798

Protanomaly

25.5339, 26.7896, 37.0828

Deuteranomaly

26.1274, 26.8450, 38.4549

Tritanomaly

24.1446, 26.9829, 36.7366

Monochromacy



Original Color

24.3927, 26.8525, 38.0798

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.3071, 26.0619, 31.3531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3927, 26.8525, 38.0798 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, 145, 162)` looks like.

```
.text, #text, p{  
    color:rgb(120, 145, 162)  
}
```

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, 145, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 145, 162) }
```

Border

The CSS property to change the border of an element to XYZ 24.3927, 26.8525, 38.0798 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, 145, 162) }
```


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

```
.border{ border-color:rgb(120, 145, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 145, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 145, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 145, 162);  
box-shadow:4px 4px 4px 4px rgb(120, 145,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3927, 26.8525, 38.0798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 145, 162) }
```

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

```
.background{ background-color: rgb(120,  
145, 162) }
```

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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