

Converting Colors

XYZ(26.8107, 30.4025, 42.9813)

Have a look what the booklet for
XYZ(26.8107, 30.4025, 42.9813)
contains.

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Color

**XYZ(26.8178, 30.3760,
42.9778)**

Conversions

Conversions Part 1

Format	Color
Hex	789BAB
RGB	120, 155, 171
RGB Percent	47%, 61%, 67%
CMY	0.5294, 0.3921, 0.3294
CMYK	0.30, 0.09, 0.00, 0.33
HSL	199°, 23%, 57%
HSV	199°, 30%, 67%
XYZ	26.8178, 30.3760, 42.9778
YIQ	146.3590, -25.9960, -2.4440

Conversions

Conversions Part 2

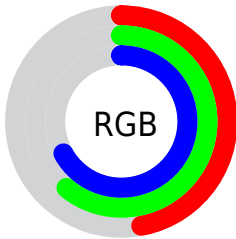
Format	Color
RYB	120, 141, 171
Decimal	7904171
CIELab	61.98, -8.17, -12.27
CIELCh	62, 14.736, 236.346
Yxy	30.3760, 0.2677, 0.3032
Android (android.graphics.Color)	4286094251 (0xFF789BAB)
YUV	146.3590, 12.1480, -23.1168
Hunter-Lab	55.1144, -9.5950, -7.6538

Details

The XYZ color **26.8178, 30.3760, 42.9778** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **28.9895, 27.6228, 21.5740**, and the grayscale version is **27.4290, 28.8574, 31.4257**.

A 20% lighter version of the original color is **53.7615, 59.9762, 80.6945**, and **10.7343, 12.4977, 19.2993** is the 20% darker color. If you saturate the color by 10%, you get **23.7819, 27.5156, 42.5862**, and if you desaturate by 10%, it is **30.3188, 33.5365, 43.4038**.

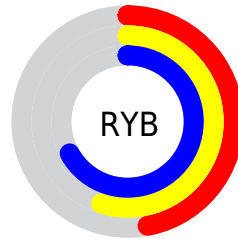
Distribution



 Red (47%)

 Green (61%)

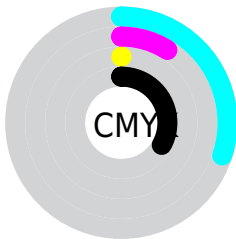
 Blue (67%)



 Red (47%)

 Yellow (55%)

 Blue (67%)

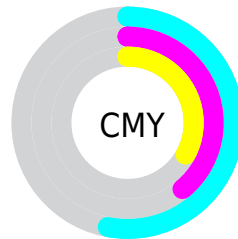


 Cyan (30%)

 Magenta (9%)

 Yellow (0%)

 Black (33%)



 Cyan (53%)

 Magenta (39%)

 Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8178, 30.3760, 42.9778 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 26.8178, 30.3760, 42.9778 by changing the saturation by 10% instead.

■ 26.8178, 30.3760,
42.9778

■ 26.8178, 30.3760,
42.9778

278.9575,
303.6532, 374.4390

■ 17.5723, 20.1242,
29.5364

■ 54.0133, 60.2563,
80.9634

■ 10.7412, 12.4853,
19.2379

■ 72.6940, 80.6535,
106.3446

■ 5.9591, 7.0751,
11.6638

■ 95.2506, 105.2014,
136.5429

■ 2.8606, 3.5091,
6.3954

122.0482,
134.2842, 171.9768

■ 1.0805, 1.4030,
3.0143

153.4524,
168.2864, 213.0648

■ 0.0087, 0.2189,
1.1020

189.8285,

■ 0.0000, 0.0000,

207.5923, 260.2255

0.0000

231.5417,
252.5865, 313.8774

■ 26.8178, 30.3760,
42.9778

■ 26.8178, 30.3760,
42.9778

■ 23.7819, 27.5156,
42.5862

■ 30.3188, 33.5365,
43.4038

■ 21.1852, 24.9390,
42.2257

■ 34.3034, 37.0052,
43.8633

■ 19.0035, 22.6338,
41.8958

■ 38.7925, 40.7944,
44.3581

■ 17.2090, 20.5847,
41.5948

■ 43.8050, 44.9144,
44.8892

■ 15.7700, 18.7746,
41.3213

■ 49.3588, 49.3752,
45.4575

■ 14.6495, 17.1837,
41.0733

■ 55.4706, 54.1862,
46.0640

■ 13.7687, 15.7705,
40.8469

■ 62.1568, 59.3564,
46.7095

■ 13.7538, 15.7464,
40.8431

■ 68.7660, 64.5508,
47.3638

■ 70.0134, 67.0455,
47.7796

Harmonies

Analogous

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



25.6005, 30.3760, 38.1391



26.8178, 30.3760, 42.9778



28.6301, 30.3760, 45.1578

Triad

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



26.8178, 30.3760, 42.9778



32.8293, 30.3760, 33.7723



27.2189, 30.3760, 24.2545

Complementary

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



26.8178, 30.3760, 42.9778



28.9895, 27.6228, 21.5740

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.



29.1142, 30.3760, 23.3650



26.8178, 30.3760, 42.9778



32.4098, 30.3760, 28.4790

Square

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



26.8178, 30.3760, 42.9778



32.1491, 30.3760, 39.4746



31.0274, 30.3760, 24.8226



25.8246, 30.3760, 27.4061

Rectangle

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



26.8178, 30.3760, 42.9778



29.9534, 30.3760, 44.6460



31.0274, 30.3760, 24.8226



27.8159, 30.3760, 23.6977

Sweetspot

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



26.8187, 30.3772, 42.9785



61.9404, 66.7063, 78.6129



26.7037, 34.8773, 28.3580



13.5729, 14.6701, 17.5039



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.8187, 30.3772, 42.9785



44.2372, 50.8551, 76.4863



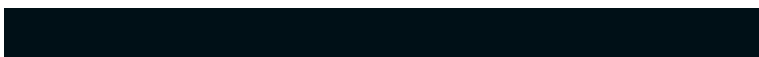
23.1065, 22.9528, 41.7411



8.0212, 8.6418, 10.1980



10.4168, 11.9675, 30.8055



0.3358, 0.4249, 0.8723

Inverse Universe

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



29.4283, 24.4583, 34.1815



49.8036, 38.8690, 57.5783



32.8954, 35.4346, 22.8760



8.2285, 8.1047, 9.5141



15.1216, 7.5112, 13.5516



0.4439, 0.2182, 0.4992

Previews

White Background



This preview shows how the XYZ color 26.8178, 30.3760, 42.9778 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 26.8178, 30.3760, 42.9778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

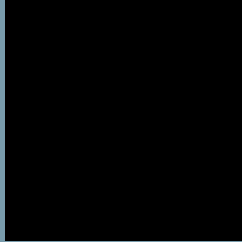
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.8178, 30.3760, 42.9778

Background



This preview shows how black text looks on a background with the XYZ color 26.8178, 30.3760, 42.9778.



This preview shows how white text looks on a background with the XYZ color 26.8178, 30.3760,

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

26.8178, 30.3760, 42.9778

Protanopia

29.5976, 30.1729, 40.8232

Deuteranopia

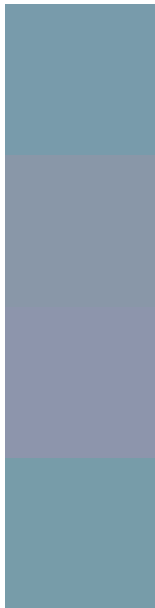
30.9586, 30.3472, 43.7611



Tritanopia

26.5641, 30.5260, 41.5378

Trichromacy



Original Color

26.8178, 30.3760, 42.9778

Protanomaly

28.4510, 30.2787, 41.3906

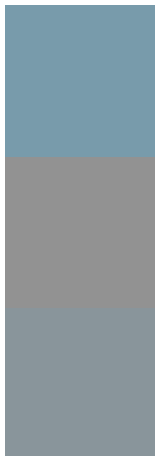
Deuteranomaly

29.1783, 30.1362, 43.3087

Tritanomaly

26.6576, 30.5634, 42.0304

Monochromacy



Original Color

26.8178, 30.3760, 42.9778

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.9804, 29.1798, 35.2206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8178, 30.3760, 42.9778 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, 155, 171)` looks like.

```
.text, #text, p{  
    color:rgb(120, 155, 171)  
}
```

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, 155, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 155, 171) }
```

Border

The CSS property to change the border of an element to XYZ 26.8178, 30.3760, 42.9778 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, 155, 171) }
```


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

```
.border{ border-color:rgb(120, 155, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 155, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 155, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 155, 171);  
box-shadow:4px 4px 4px 4px rgb(120, 155,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8178, 30.3760, 42.9778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 155, 171) }
```

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

```
.background{ background-color: rgb(120,  
155, 171) }
```

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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