

Converting Colors

XYZ(26.1683, 29.6935, 30.7522)

Have a look what the booklet for
XYZ(26.1683, 29.6935, 30.7522)
contains.

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Color

**XYZ(26.0938, 29.5384,
30.7118)**

Conversions

Conversions Part 1

Format	Color
Hex	869890
RGB	134, 152, 144
RGB Percent	53%, 60%, 56%
CMY	0.4745, 0.4039, 0.4353
CMYK	0.12, 0.00, 0.05, 0.40
HSL	153°, 8%, 56%
HSV	153°, 12%, 60%
XYZ	26.0938, 29.5384, 30.7118
YIQ	145.7060, -8.1600, -6.3040

Conversions

Conversions Part 2

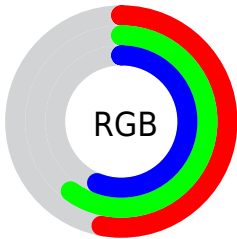
Format	Color
RYB	134, 146, 152
Decimal	8820880
CIELab	61.25, -8.03, 2.03
CIELCh	61, 8.280, 165.784
Yxy	29.5384, 0.3022, 0.3421
Android (android.graphics.Color)	4287010960 (0xFF869890)
YUV	145.7060, -0.8411, -10.2662
Hunter-Lab	54.3492, -9.4109, 4.5407

Details

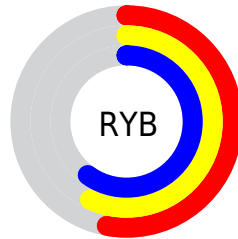
The XYZ color **26.0938, 29.5384, 30.7118** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.3575, 25.6794, 29.1599**, and the grayscale version is **27.2077, 28.6246, 31.1722**.

A 20% lighter version of the original color is **52.7579, 58.7846, 61.9920**, and **10.3302, 12.0003, 12.3615** is the 20% darker color. If you saturate the color by 10%, you get **23.3422, 28.1786, 27.9678**, and if you desaturate by 10%, it is **29.2263, 31.0926, 33.6363**.

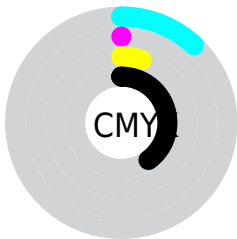
Distribution



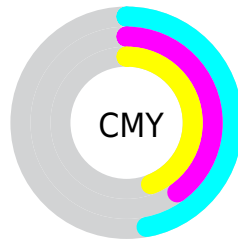
- Red (53%)
- Green (60%)
- Blue (56%)



- Red (53%)
- Yellow (57%)
- Blue (60%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (40%)



- Cyan (47%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0938, 29.5384, 30.7118 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 26.0938, 29.5384, 30.7118 by changing the saturation by 10% instead.

■ 26.0938, 29.5384,
30.7118

■ 26.0938, 29.5384,
30.7118

275.4905,
299.7469, 319.5184

■ 17.0269, 19.4885,
20.1229

■ 52.8565, 58.9314,
61.8603

■ 10.3491, 12.0238,
12.2994

■ 71.2829, 79.0433,
83.2569

■ 5.6951, 6.7599,
6.8229

■ 93.5599, 103.2780,
109.0932

■ 2.6994, 3.3124,
3.2748

120.0528,
132.0198, 139.7877

■ 0.9969, 1.2969,
1.2366

151.1269,
165.6532, 175.7589

■ 0.0000, 0.1388,
0.0090

187.1477,

■ 0.0000, 0.0000,

204.5626, 217.4254

0.0000

228.4804,
249.1324, 265.2057

■ 26.0938, 29.5384,
30.7118

■ 26.0938, 29.5384,
30.7118

■ 23.3422, 28.1786,
27.9678

■ 29.2263, 31.0926,
33.6363

■ 20.9535, 27.0016,
25.3987

■ 32.7515, 32.8448,
36.7426

■ 18.9124, 26.0003,
23.0016

■ 36.6841, 34.8033,
40.0348

■ 17.2010, 25.1656,
20.7727

■ 41.0368, 36.9747,
43.5160

■ 15.8000, 24.4876,
18.7080

■ 45.8222, 39.3653,
47.1893

■ 14.6880, 23.9554,
16.8034

■ 51.0521, 41.9812,
51.0579

■ 13.8407, 23.5564,
15.0545

■ 56.7379, 44.8283,
55.1246

■ 13.2293, 23.2759,
13.4567

■ 62.6681, 47.7973,
59.3819

■ 12.8462, 23.1045,
12.2600

■ 63.4654, 48.1162,
63.5806

Harmonies

Analogous

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



26.6010, 29.5384, 28.1584



26.0938, 29.5384, 30.7118



26.1079, 29.5384, 33.8215

Triad

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



26.0938, 29.5384, 30.7118



28.6489, 29.5384, 38.2860



29.5613, 29.5384, 28.0523

Complementary

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



26.0938, 29.5384, 30.7118



26.3575, 25.6794, 29.1599

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.



30.1392, 29.5384, 30.5582



26.0938, 29.5384, 30.7118



29.6032, 29.5384, 36.5288

Square

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



26.0938, 29.5384, 30.7118



27.5642, 29.5384, 38.3337



30.1548, 29.5384, 33.6578



28.5928, 29.5384, 26.6915

Rectangle

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



26.0938, 29.5384, 30.7118



26.4105, 29.5384, 35.7984



30.1548, 29.5384, 33.6578



29.8087, 29.5384, 28.7811

Sweetspot

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



26.0946, 29.5396, 30.7125



50.2903, 54.2364, 58.1876



26.7048, 29.9386, 26.9260



11.3387, 12.2817, 13.1409



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



26.0946, 29.5396, 30.7125



44.8168, 51.5238, 53.0024



26.5827, 29.5020, 34.0006



6.2685, 6.9801, 7.3376



10.7865, 19.3781, 10.3622



0.1796, 0.2970, 0.2512

Inverse Universe

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



26.3575, 25.6794, 29.1599



45.3669, 43.4465, 49.7541



25.9029, 25.6974, 26.1496



6.3172, 6.2660, 7.0503



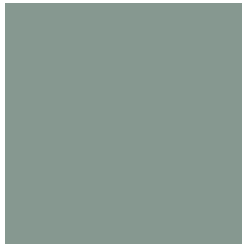
11.7363, 5.9488, 5.1365



0.1934, 0.0961, 0.1711

Previews

White Background



This preview shows how the XYZ color 26.0938, 29.5384, 30.7118 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 26.0938, 29.5384, 30.7118 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 26.0938, 29.5384, 30.7118

Background



This preview shows how black text looks on a background with the XYZ color 26.0938, 29.5384, 30.7118.



This preview shows how white text looks on a background with the XYZ color 26.0938, 29.5384,

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

26.0938, 29.5384, 30.7118

Protanopia

28.1903, 29.4659, 29.4010

Deuteranopia

29.9111, 29.4016, 31.2927



Tritanopia

27.4970, 29.3865, 37.9411

Trichromacy



Original Color

26.0938, 29.5384, 30.7118

Protanomaly

27.3070, 29.4676, 29.8398

Deuteranomaly

28.3386, 29.2775, 30.9456

Tritanomaly

26.9761, 29.4135, 35.2659

Monochromacy



Original Color

26.0938, 29.5384, 30.7118

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.8561, 28.9749, 30.9653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0938, 29.5384, 30.7118 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(134, 152, 144)` looks like.

```
.text, #text, p{  
    color:rgb(134, 152, 144)  
}
```

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(134, 152, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 152, 144) }
```

Border

The CSS property to change the border of an element to XYZ 26.0938, 29.5384, 30.7118 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(134, 152, 144) }
```


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

```
.border{ border-color:rgb(134, 152, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 152, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 152, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 152, 144);  
box-shadow:4px 4px 4px 4px rgb(134, 152,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0938, 29.5384, 30.7118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 152, 144) }
```

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

```
.background{ background-color: rgb(134,  
152, 144) }
```

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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