

Converting Colors

XYZ(25.9475, 29.7197, 30.2787)

Have a look what the booklet for
XYZ(25.9475, 29.7197, 30.2787)
contains.

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Color

**XYZ(26.0220, 29.7522,
30.3578)**

Conversions

Conversions Part 1

Format	Color
Hex	85998F
RGB	133, 153, 143
RGB Percent	52%, 60%, 56%
CMY	0.4784, 0.4000, 0.4392
CMYK	0.13, 0.00, 0.07, 0.40
HSL	150°, 9%, 56%
HSV	150°, 13%, 60%
XYZ	26.0220, 29.7522, 30.3578
YIQ	145.8800, -8.7100, -7.3500

Conversions

Conversions Part 2

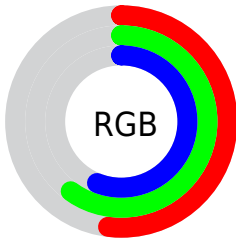
Format	Color
R_{YB}	133, 146, 153
Decimal	8755599
CIE _{Lab}	61.44, -9.13, 2.86
CIE _{LCh}	61, 9.563, 162.601
Yxy	29.7522, 0.3021, 0.3454
Android (android.graphics.Color)	4286945679 (0xFF85998F)
YUV	145.8800, -1.4198, -11.2958
Hunter-Lab	54.5456, -10.2980, 5.1836

Details

The XYZ color **26.0220, 29.7522, 30.3578** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.4834, 25.5312, 29.5202**, and the grayscale version is **27.2813, 28.7021, 31.2566**.

A 20% lighter version of the original color is **52.6406, 59.0960, 61.4555**, and **10.2944, 12.1321, 12.1551** is the 20% darker color. If you saturate the color by 10%, you get **23.2203, 28.3734, 27.3038**, and if you desaturate by 10%, it is **29.2168, 31.3307, 33.6378**.

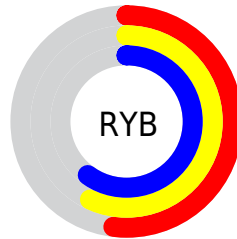
Distribution



Red (52%)

Green (60%)

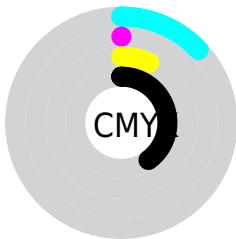
Blue (56%)



Red (52%)

Yellow (57%)

Blue (60%)

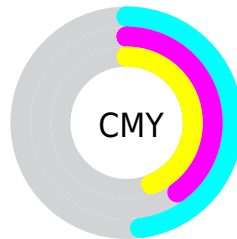


Cyan (13%)

Magenta (0%)

Yellow (7%)

Black (40%)



Cyan (48%)

Magenta (40%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0220, 29.7522, 30.3578 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 26.0220, 29.7522, 30.3578 by changing the saturation by 10% instead.

■ 26.0220, 29.7522,
30.3578

■ 26.0220, 29.7522,
30.3578

275.1448,
300.7477, 317.8278

■ 16.9729, 19.6506,
19.8560

■ 52.7415, 59.2701,
61.2952

■ 10.3103, 12.1413,
12.1074

■ 71.1425, 79.4551,
82.5679

■ 5.6690, 6.8400,
6.6934

■ 93.3916, 103.7701,
108.2680

■ 2.6836, 3.3622,
3.1956

119.8541,
132.5994, 138.8140

■ 0.9888, 1.3236,
1.1953

150.8953,
166.3274, 174.6244

■ 0.0000, 0.1594,
0.0000

186.8805,

■ 0.0000, 0.0000,

205.3385, 216.1178

0.0000

228.1753,
250.0172, 263.7127

■ 26.0220, 29.7522,
30.3578

■ 26.0220, 29.7522,
30.3578

■ 23.2203, 28.3734,
27.3038

■ 29.2168, 31.3307,
33.6378

■ 20.7933, 27.1824,
24.4691

■ 32.8173, 33.1129,
37.1465

■ 18.7247, 26.1719,
21.8493

■ 36.8383, 35.1072,
40.8892

■ 16.9962, 25.3324,
19.4391

■ 41.2935, 37.3204,
44.8702

■ 15.5875, 24.6535,
17.2332

■ 46.1956, 39.7591,
49.0937

■ 14.4763, 24.1240,
15.2258

■ 51.5571, 42.4297,
53.5639

■ 13.6371, 23.7307,
13.4108

■ 57.3897, 45.3380,
58.2849

■ 13.0397, 23.4581,
11.7819

■ 63.5561, 48.4133,
63.2537

■ 12.7135, 23.3123,
10.7573

■ 64.4979, 48.7901,
68.2134

Harmonies

Analogous

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



26.6650, 29.7522, 27.5365



26.0220, 29.7522, 30.3578



25.9722, 29.7522, 33.9376

Triad

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



26.0220, 29.7522, 30.3578



28.8122, 29.7522, 39.6745



30.1057, 29.7522, 27.9080

Complementary

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



26.0220, 29.7522, 30.3578



26.4834, 25.5312, 29.5202

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.



30.7176, 29.7522, 30.9001



26.0220, 29.7522, 30.3578



29.9559, 29.7522, 37.7940

Square

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



26.0220, 29.7522, 30.3578



27.5580, 29.7522, 39.5021



30.6620, 29.7522, 34.5215



29.0116, 29.7522, 26.1962

Rectangle

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



26.0220, 29.7522, 30.3578



26.2799, 29.7522, 36.2922



30.6620, 29.7522, 34.5215



30.3761, 29.7522, 28.7874

Sweetspot

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



26.0228, 29.7535, 30.3585



51.7137, 55.8065, 59.6294



27.0114, 30.3468, 26.6245



11.3258, 12.2766, 13.0730



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.



26.0228, 29.7535, 30.3585



44.8986, 52.4429, 52.5482



26.7874, 30.0593, 34.3845



6.2545, 6.9745, 7.2635



10.5238, 19.2730, 8.9791



0.1757, 0.2955, 0.2308

Inverse Universe

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



26.4834, 25.5312, 29.5202



45.9055, 43.2122, 50.7155



25.7820, 25.2507, 25.8266



6.3311, 6.2716, 7.1239



11.9671, 6.0411, 6.3518



0.1972, 0.0977, 0.1915

Previews

White Background



This preview shows how the XYZ color 26.0220, 29.7522, 30.3578 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 26.0220, 29.7522, 30.3578 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

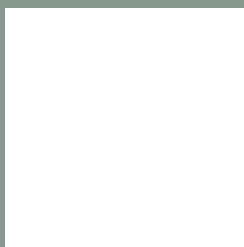
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0220, 29.7522, 30.3578

Background



This preview shows how black text looks on a background with the XYZ color 26.0220, 29.7522, 30.3578.



This preview shows how white text looks on a background with the XYZ color 26.0220, 29.7522,

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

26.0220, 29.7522, 30.3578

Protanopia

28.3042, 29.5332, 29.0196

Deuteranopia

30.0376, 29.4758, 30.8943



Tritanopia

27.5813, 29.6556, 38.4528

Trichromacy



Original Color

26.0220, 29.7522, 30.3578

Protanomaly

27.4092, 29.5290, 29.4543

Deuteranomaly

28.4167, 29.5565, 30.5928

Tritanomaly

26.9747, 29.6507, 35.3118

Monochromacy



Original Color

26.0220, 29.7522, 30.3578

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.8428, 29.2019, 31.0098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0220, 29.7522, 30.3578 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(133, 153, 143)` looks like.

```
.text, #text, p{  
    color:rgb(133, 153, 143)  
}
```

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(133, 153, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 153, 143) }
```

Border

The CSS property to change the border of an element to XYZ 26.0220, 29.7522, 30.3578 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(133, 153, 143) }
```


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

```
.border{ border-color:rgb(133, 153, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 153, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 153, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 153, 143);  
box-shadow:4px 4px 4px 4px rgb(133, 153,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0220, 29.7522, 30.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 153, 143) }
```

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

```
.background{ background-color: rgb(133,  
153, 143) }
```

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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