

Converting Colors

XYZ(25.8102, 26.2433, 30.6649)

Have a look what the booklet for
XYZ(25.8102, 26.2433, 30.6649)
contains.

XYZ(25.7009, 26.1506, 30.4810)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.7009, 26.1506,
30.4810)**

Conversions

Conversions Part 1

Format	Color
Hex	908A91
RGB	144, 138, 145
RGB Percent	56%, 54%, 57%
CMY	0.4353, 0.4588, 0.4314
CMYK	0.01, 0.05, 0.00, 0.43
HSL	291°, 3%, 55%
HSV	291°, 5%, 57%
XYZ	25.7009, 26.1506, 30.4810
YIQ	140.5920, 1.3290, 3.4490

Conversions

Conversions Part 2

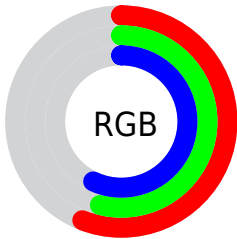
Format	Color
R_{YB}	144, 138, 145
Decimal	9472657
CIE Lab	58.18, 3.59, -2.94
CIE LCh	58, 4.635, 320.670
Yxy	26.1506, 0.3122, 0.3176
Android (android.graphics.Color)	4287662737 (0xFF908A91)
YUV	140.5920, 2.1731, 2.9888
Hunter-Lab	51.1377, 0.2201, 0.4561

Details

The XYZ color **25.7009, 26.1506, 30.4810** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.3613, 27.5754, 28.0320**, and the grayscale version is **25.1499, 26.4596, 28.8145**.

A 20% lighter version of the original color is **52.2283, 53.3909, 61.5856**, and **10.1714, 10.1854, 12.2564** is the 20% darker color. If you saturate the color by 10%, you get **23.3996, 22.0800, 29.8170**, and if you desaturate by 10%, it is **28.2881, 30.7824, 31.2391**.

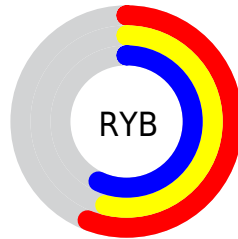
Distribution



Red (56%)

Green (54%)

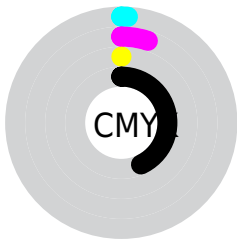
Blue (57%)



Red (56%)

Yellow (54%)

Blue (57%)

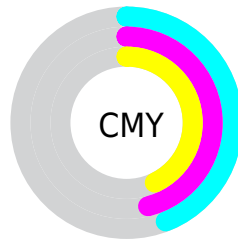


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (43%)



Cyan (44%)

Magenta (46%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7009, 26.1506, 30.4810 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 25.7009, 26.1506, 30.4810 by changing the saturation by 10% instead.

■ 25.7009, 26.1506,
30.4810

■ 25.7009, 26.1506,
30.4810

273.5944,
283.5206, 318.4169

■ 16.7315, 16.9363,
19.9488

■ 52.2268, 53.5178,
61.4920

■ 10.1374, 10.1891,
12.1741

■ 70.5140, 72.4395,
82.8079

■ 5.5531, 5.5245,
6.7384

■ 92.6379, 95.3659,
108.5554

■ 2.6133, 2.5582,
3.2231

118.9637,
122.6812, 139.1532

■ 0.9528, 0.9057,
1.2096

149.8570,
154.7700, 175.0197

■ 0.0000, 0.0000,
0.0000

185.6829,

192.0165, 216.5734

226.8070,
234.8053, 264.2330

■ 25.7009, 26.1506,
30.4810

■ 25.7009, 26.1506,
30.4810

■ 23.3996, 22.0800,
29.8170

■ 28.2881, 30.7824,
31.2391

■ 21.3710, 18.5454,
29.2416

■ 31.1693, 35.9926,
32.0929

■ 19.6041, 15.5245,
28.7517

■ 34.3551, 41.8021,
33.0463

■ 18.0865, 12.9923,
28.3429

■ 37.8549, 48.2294,
34.1024

■ 16.8045, 10.9218,
28.0108

■ 41.6775, 55.2924,
35.2643

■ 15.7432, 9.2831,
27.7505

■ 45.8316, 63.0083,
36.5346

■ 14.8859, 8.0428,
27.5563

■ 50.3255, 71.3935,
37.9163

■ 14.2135, 7.1629,
27.4219

■ 55.1671, 80.4640,
39.4119

■ 13.7012, 6.5937,
27.3390

■ 55.9036, 81.3140,
39.5372

Harmonies

Analogous

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



25.2389, 26.1506, 31.4694



25.7009, 26.1506, 30.4810



25.9373, 26.1506, 28.9784

Triad

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



25.7009, 26.1506, 30.4810



25.0310, 26.1506, 25.5267



23.8577, 26.1506, 29.5804

Complementary

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



25.7009, 26.1506, 30.4810



25.3613, 27.5754, 28.0320

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.



23.8039, 26.1506, 27.9746



25.7009, 26.1506, 30.4810



24.4757, 26.1506, 25.6742

Square

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



25.7009, 26.1506, 30.4810



25.5468, 26.1506, 26.1454



24.0286, 26.1506, 26.5562



24.1766, 26.1506, 30.9359

Rectangle

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



25.7009, 26.1506, 30.4810



25.9328, 26.1506, 27.9042



24.0286, 26.1506, 26.5562



23.8082, 26.1506, 29.0506

Sweetspot

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



25.7017, 26.1517, 30.4816



47.7287, 49.8686, 55.0836



24.8331, 25.9286, 30.4843



10.6244, 11.1058, 12.2559



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



25.7017, 26.1517, 30.4816



45.4633, 45.8301, 54.4235



25.6902, 26.1674, 29.5057



5.6975, 5.7314, 6.8347



11.5645, 5.4553, 23.4205



0.1240, 0.0591, 0.2245

Inverse Universe

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



25.4267, 26.0620, 28.1178



44.8451, 45.6288, 49.0893



25.3744, 27.5615, 28.9688



5.6164, 5.7050, 6.1336



10.1361, 5.2114, 1.1019



0.1017, 0.0518, 0.0360

Previews

White Background



This preview shows how the XYZ color 25.7009, 26.1506, 30.4810 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 25.7009, 26.1506, 30.4810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

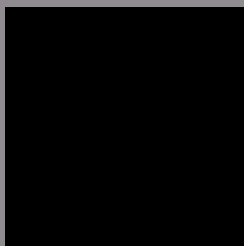
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

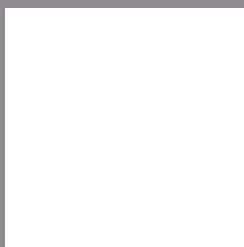
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7009, 26.1506, 30.4810

Background



This preview shows how black text looks on a background with the XYZ color 25.7009, 26.1506, 30.4810.



This preview shows how white text looks on a background with the XYZ color 25.7009, 26.1506,

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

25.7009, 26.1506, 30.4810

Protanopia

25.4054, 26.2033, 30.9129

Deuteranopia

26.6775, 26.2320, 30.4453



Tritanopia

25.9680, 26.0492, 31.6763

Trichromacy



Original Color

25.7009, 26.1506, 30.4810

Protanomaly

25.5763, 26.2913, 30.9209

Deuteranomaly

26.2692, 26.2316, 30.4667

Tritanomaly

25.8892, 26.0176, 31.2612

Monochromacy



Original Color

25.7009, 26.1506, 30.4810

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.4159, 26.4599, 29.3589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7009, 26.1506, 30.4810 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(144, 138, 145)` looks like.

```
.text, #text, p{  
    color:rgb(144, 138, 145)  
}
```

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(144, 138, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 138, 145) }
```

Border

The CSS property to change the border of an element to XYZ 25.7009, 26.1506, 30.4810 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(144, 138, 145) }
```


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

```
.border{ border-color:rgb(144, 138, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 138, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 138, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 138, 145);  
box-shadow:4px 4px 4px 4px rgb(144, 138,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7009, 26.1506, 30.4810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 138, 145) }
```

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

```
.background{ background-color: rgb(144,  
138, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor