

Converting Colors

XYZ(25.2788, 30.8783, 29.9946)

Have a look what the booklet for
XYZ(25.2788, 30.8783, 29.9946)
contains.

XYZ(25.2319, 30.8569, 29.8254)	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(25.2319, 30.8569,
29.8254)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9F8D
RGB	122, 159, 141
RGB Percent	48%, 62%, 55%
CMY	0.5216, 0.3765, 0.4471
CMYK	0.23, 0.00, 0.11, 0.38
HSL	151°, 16%, 55%
HSV	151°, 23%, 62%
XYZ	25.2319, 30.8569, 29.8254
YIQ	145.8850, -16.2740, -13.4420

Conversions

Conversions Part 2

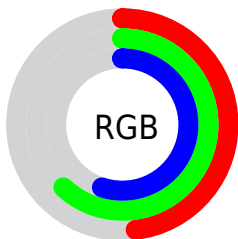
Format	Color
RYB	122, 146, 159
Decimal	8036237
CIELab	62.39, -16.53, 5.26
CIELCh	62, 17.344, 162.344
Yxy	30.8569, 0.2937, 0.3592
Android (android.graphics.Color)	4286226317 (0xFF7A9F8D)
YUV	145.8850, -2.4083, -20.9471
Hunter-Lab	55.5490, -16.1310, 7.0503

Details

The XYZ color **25.2319, 30.8569, 29.8254** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.9923, 23.1843, 27.9174**, and the grayscale version is **27.2895, 28.7107, 31.2659**.

A 20% lighter version of the original color is **51.5761, 61.1472, 60.7140**, and **9.8185, 12.6484, 11.8214** is the 20% darker color. If you saturate the color by 10%, you get **22.6066, 29.5686, 26.8024**, and if you desaturate by 10%, it is **28.2675, 32.3538, 33.0789**.

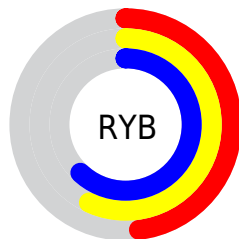
Distribution



Red (48%)

Green (62%)

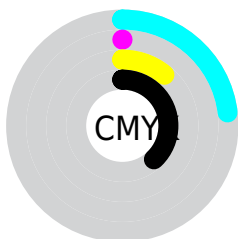
Blue (55%)



Red (48%)

Yellow (57%)

Blue (62%)

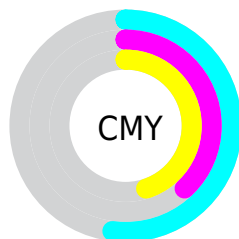


Cyan (23%)

Magenta (0%)

Yellow (11%)

Black (38%)



Cyan (52%)

Magenta (38%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2319, 30.8569, 29.8254 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 25.2319, 30.8569, 29.8254 by changing the saturation by 10% instead.

■ 25.2319, 30.8569,
29.8254

■ 25.2319, 30.8569,
29.8254

271.3172,
305.8785, 315.2717

■ 16.3796, 20.4899,
19.4552

■ 51.4734, 61.0147,
60.4437

■ 9.8857, 12.7517,
11.8195

■ 69.5932, 81.5743,
81.5288

■ 5.3849, 7.2578,
6.4998

■ 91.5329, 106.3002,
107.0227

■ 2.5119, 3.6238,
3.0777

117.6579,
135.5769, 137.3438

■ 0.9013, 1.4654,
1.1344

148.3335,
169.7886, 172.9107

■ 0.0000, 0.2642,
0.0000

183.9250,

■ 0.0000, 0.0000,

209.3199, 214.1420

0.0000

224.7978,
254.5551, 261.4561

■ 25.2319, 30.8569,
29.8254

■ 25.2319, 30.8569,
29.8254

■ 22.6066, 29.5686,
26.8024

■ 28.2675, 32.3538,
33.0789

■ 20.3703, 28.4754,
24.0026

■ 31.7284, 34.0644,
36.5656

■ 18.5037, 27.5683,
21.4213

■ 35.6317, 35.9982,
40.2912

■ 16.9846, 26.8360,
19.0531

■ 39.9931, 38.1632,
44.2601

■ 15.7884, 26.2659,
16.8920

■ 44.8273, 40.5670,
48.4770

■ 14.8870, 25.8437,
14.9319

■ 50.1483, 43.2167,
52.9461

■ 14.2469, 25.5522,
13.1660

■ 55.9697, 46.1192,
57.6718

■ 13.9082, 25.4012,
12.0819

■ 62.3045, 49.2811,
62.6581

■ 65.3494, 50.7417,
67.7306

Harmonies

Analogous

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



26.3903, 30.8569, 24.9156



25.2319, 30.8569, 29.8254



25.1340, 30.8569, 36.4396

Triad

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



25.2319, 30.8569, 29.8254



30.3047, 30.8569, 47.8841



32.7950, 30.8569, 25.6167

Complementary

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



25.2319, 30.8569, 29.8254



25.9923, 23.1843, 27.9174

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.



33.9656, 30.8569, 30.9079



25.2319, 30.8569, 29.8254



32.4772, 30.8569, 44.0938

Square

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



25.2319, 30.8569, 29.8254



27.9799, 30.8569, 47.4922



33.8462, 30.8569, 37.6758



30.7199, 30.8569, 22.7181

Rectangle

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



25.2319, 30.8569, 29.8254



25.6759, 30.8569, 41.0040



33.8462, 30.8569, 37.6758



33.3122, 30.8569, 27.1420

Sweetspot

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



25.2328, 30.8582, 29.8261



54.3342, 59.7738, 63.0211



26.8117, 31.8217, 23.1419



12.1729, 13.4381, 14.1312



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.2328, 30.8582, 29.8261



42.6240, 54.0017, 50.5139



26.6832, 31.4384, 37.4642



6.6858, 7.4551, 7.7799



11.0059, 20.0703, 9.6539



0.2181, 0.3674, 0.2850

Inverse Universe

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



25.9923, 23.1843, 27.9174



44.2303, 37.7743, 46.4783



24.7714, 22.6959, 21.4880



6.7608, 6.6972, 7.5913



12.3821, 6.2574, 6.2630



0.2427, 0.1204, 0.2242

Previews

White Background



This preview shows how the XYZ color 25.2319, 30.8569, 29.8254 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 25.2319, 30.8569, 29.8254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

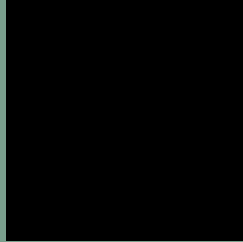
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.2319, 30.8569, 29.8254

Background



This preview shows how black text looks on a background with the XYZ color 25.2319, 30.8569, 29.8254.



This preview shows how white text looks on a background with the XYZ color 25.2319, 30.8569,

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

25.2319, 30.8569, 29.8254

Protanopia

29.0606, 30.6582, 27.6785

Deuteranopia

31.0958, 30.4799, 30.6298



Tritanopia

27.5416, 30.7819, 41.5357

Trichromacy



Original Color

25.2319, 30.8569, 29.8254

Protanomaly

27.4803, 30.5467, 28.4925

Deuteranomaly

28.6268, 30.3752, 30.3408

Tritanomaly

26.5175, 30.6055, 36.8576

Monochromacy



Original Color

25.2319, 30.8569, 29.8254

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.4172, 29.4652, 30.6806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2319, 30.8569, 29.8254 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(122, 159, 141)` looks like.

```
.text, #text, p{  
    color:rgb(122, 159, 141)  
}
```

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(122, 159, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 159, 141) }
```

Border

The CSS property to change the border of an element to XYZ 25.2319, 30.8569, 29.8254 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(122, 159, 141) }
```


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

```
.border{ border-color:rgb(122, 159, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 159, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 159, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 159, 141);  
box-shadow:4px 4px 4px 4px rgb(122, 159,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2319, 30.8569, 29.8254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 159, 141) }
```

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

```
.background{ background-color: rgb(122,  
159, 141) }
```

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