

# Converting Colors

XYZ(25.3862, 29.2935, 19.3309)

Have a look what the booklet for  
XYZ(25.3862, 29.2935, 19.3309)  
contains.

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# Color

**XYZ(25.2635, 29.1206,  
19.3282)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8F976F
RGB	143, 151, 111
RGB Percent	56%, 59%, 44%
CMY	0.4392, 0.4078, 0.5647
CMYK	0.05, 0.00, 0.26, 0.41
HSL	72°, 16%, 51%
HSV	72°, 26%, 59%
XYZ	25.2635, 29.1206, 19.3282
YIQ	144.0480, 8.0720, -14.1360

# Conversions

## Conversions Part 2

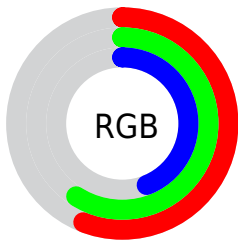
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 151, 119
Decimal	9410415
CIE <sub>Lab</sub>	60.89, -9.93, 20.16
CIE <sub>LCh</sub>	61, 22.477, 116.225
Yxy	29.1206, 0.3427, 0.3951
Android (android.graphics.Color)	4287600495 (0xFF8F976F)
YUV	144.0480, -16.2927, -0.9191
Hunter-Lab	53.9635, -10.8698, 16.5385

# Details

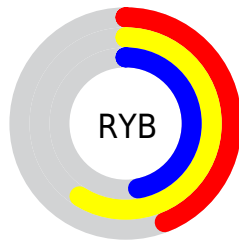
The XYZ color **25.2635, 29.1206, 19.3282** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.8793, 17.5260, 31.6677**, and the grayscale version is **26.5905, 27.9753, 30.4651**.

A 20% lighter version of the original color is **51.4681, 58.1773, 43.1670**, and **9.8680, 11.7485, 6.4502** is the 20% darker color. If you saturate the color by 10%, you get **23.9856, 28.5508, 15.2891**, and if you desaturate by 10%, it is **26.6976, 29.7565, 24.1096**.

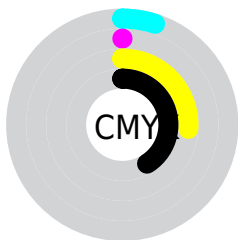
# Distribution



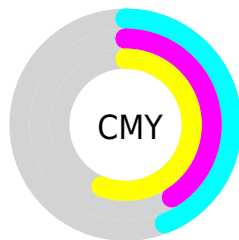
- Red (56%)
- Green (59%)
- Blue (44%)



- Red (44%)
- Yellow (59%)
- Blue (47%)



- Cyan (5%)
- Magenta (0%)
- Yellow (26%)
- Black (41%)



- Cyan (44%)
- Magenta (41%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2635, 29.1206, 19.3282 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 25.2635, 29.1206, 19.3282 by changing the saturation by 10% instead.



■ 25.2635, 29.1206,  
19.3282

■ 25.2635, 29.1206,  
19.3282

271.4712,  
297.7836, 260.7375

■ 16.4033, 19.1721,  
11.7285

■ 51.5242, 58.2686,  
43.1320

■ 9.9026, 11.7947,  
6.4388

■ 69.6554, 78.2369,  
60.1732

■ 5.3962, 6.6040,  
3.0406

■ 91.6075, 102.3140,  
81.1985

■ 2.5187, 3.2157,  
1.1154

■ 117.7461,  
130.8841, 106.6266

■ 0.9047, 1.2454,  
0.0000

148.4364,  
164.3317, 136.8761

■ 0.0000, 0.0983,  
0.0000

184.0437,

■ 0.0000, 0.0000,

203.0412, 172.3653

0.0000

224.9335,  
247.3971, 213.5130

■ 25.2635, 29.1206,  
19.3282

■ 25.2635, 29.1206,  
19.3282

■ 23.9856, 28.5508,  
15.2891

■ 26.6976, 29.7565,  
24.1096

■ 22.8545, 28.0404,  
11.9532

■ 28.2923, 30.4572,  
29.6659

■ 21.8630, 27.5874,  
9.2806

■ 30.0546, 31.2267,  
36.0303

■ 21.0028, 27.1885,  
7.2268

■ 31.9905, 32.0673,  
43.2333

■ 20.2640, 26.8397,  
5.7418

■ 34.1055, 32.9811,  
51.3039

■ 19.6357, 26.5367,  
4.7678

■ 36.4050, 33.9705,  
60.2697

■ 19.1010, 26.2727,  
4.2166

■ 38.8941, 35.0374,  
70.1570

■ 18.9229, 26.1843,  
4.0567

■ 41.5776, 36.1838,  
80.9913

■ 44.4605, 37.4117,  
92.7967

# Harmonies

## Analogous

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



28.0507, 29.1206, 18.1832



25.2635, 29.1206, 19.3282



23.2561, 29.1206, 23.5597

# Triad

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



25.2635, 29.1206, 19.3282



24.6640, 29.1206, 47.0921



33.6865, 29.1206, 32.7811

# Complementary

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



25.2635, 29.1206, 19.3282



18.8793, 17.5260, 31.6677

# 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.



32.6283, 29.1206, 41.5454



25.2635, 29.1206, 19.3282



27.3091, 29.1206, 50.6772

# Square

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



25.2635, 29.1206, 19.3282



22.9275, 29.1206, 39.3819



30.2422, 29.1206, 48.4879



33.0437, 29.1206, 25.1009



# Rectangle

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



25.2635, 29.1206, 19.3282



22.5610, 29.1206, 28.0200



30.2422, 29.1206, 48.4879



33.5161, 29.1206, 35.7048

# Sweetspot

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



25.2643, 29.1219, 19.3288



50.1679, 54.3241, 51.3652



22.2296, 20.9215, 17.9059



11.3080, 12.3057, 11.3420



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.



25.2643, 29.1219, 19.3288



43.8025, 51.5087, 30.0119



22.1053, 27.4934, 19.1810



6.5878, 7.1605, 6.6407



16.1206, 22.2863, 3.4521



0.2684, 0.3473, 0.0529



# Inverse Universe

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



18.8793, 17.5260, 31.6677



30.3324, 27.0380, 56.0538



21.9188, 19.0929, 31.8100



5.9942, 6.0829, 7.7872



5.2327, 2.1486, 25.0466



0.1030, 0.0449, 0.3756



# Previews

## White Background



This preview shows how the XYZ color 25.2635, 29.1206, 19.3282 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 25.2635, 29.1206, 19.3282 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 25.2635, 29.1206, 19.3282**

## **Background**



This preview shows how black text looks on a background with the XYZ color 25.2635, 29.1206, 19.3282.



This preview shows how white text looks on a background with the XYZ color 25.2635, 29.1206,



# 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

25.2635, 29.1206, 19.3282

### Protanopia

27.0987, 29.1397, 18.6643

### Deuteranopia

29.5188, 29.0127, 19.6670



## Tritanopia

28.5206, 29.0407, 35.5547

# Trichromacy



## Original Color

25.2635, 29.1206, 19.3282

## Protanomaly

26.3533, 28.9810, 18.9568

## Deuteranomaly

27.7480, 28.9977, 19.4639

## Tritanomaly

27.2000, 28.9639, 28.9679

# Monochromacy



## Original Color

25.2635, 29.1206, 19.3282

## Achromatopsia

26.5089, 27.8894, 30.3716

## Achromatomaly

26.1002, 28.4627, 25.9480

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 25.2635, 29.1206, 19.3282 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(143, 151, 111)` looks like.

```
.text, #text, p{  
    color:rgb(143, 151, 111)  
}
```

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(143, 151, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 151, 111) }
```

## Border

The CSS property to change the border of an element to XYZ 25.2635, 29.1206, 19.3282 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(143, 151, 111) }
```



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

```
.border{ border-color:rgb(143, 151, 111) }
```

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

Here you see how a box with a 4 pixel rgb(143, 151, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 151, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 151, 111);  
box-shadow:4px 4px 4px 4px rgb(143, 151,  
111) }
```

# Background

The CSS property to change the background color of an element to XYZ 25.2635, 29.1206, 19.3282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 151, 111) }
```

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

```
.background{ background-color: rgb(143,  
151, 111) }
```

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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