

Converting Colors

XYZ(25.7654, 28.3457, 29.1351)

Have a look what the booklet for
XYZ(25.7654, 28.3457, 29.1351)
contains.

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Color

**XYZ(25.8789, 28.5062,
29.3376)**

Conversions

Conversions Part 1

Format	Color
Hex	8A948D
RGB	138, 148, 141
RGB Percent	54%, 58%, 55%
CMY	0.4588, 0.4196, 0.4471
CMYK	0.07, 0.00, 0.05, 0.42
HSL	138°, 4%, 56%
HSV	138°, 7%, 58%
XYZ	25.8789, 28.5062, 29.3376
YIQ	144.2120, -3.7130, -4.2970

Conversions

Conversions Part 2

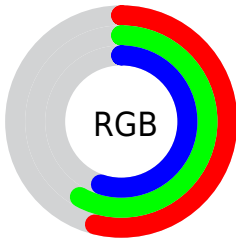
Format	Color
R _Y B	138, 146, 148
Decimal	9081997
CIE Lab	60.34, -5.00, 2.45
CIE LCh	60, 5.564, 153.881
Yxy	28.5062, 0.3091, 0.3405
Android (android.graphics.Color)	4287272077 (0xFF8A948D)
YUV	144.2120, -1.5835, -5.4479
Hunter-Lab	53.3912, -6.9150, 4.7949

Details

The XYZ color **25.8789, 28.5062, 29.3376** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.4132, 26.5180, 30.5159**, and the grayscale version is **26.6026, 27.9880, 30.4790**.

A 20% lighter version of the original color is **52.4567, 57.2576, 59.9168**, and **10.1875, 11.3794, 11.5570** is the 20% darker color. If you saturate the color by 10%, you get **22.8600, 27.0356, 25.3585**, and if you desaturate by 10%, it is **29.3053, 30.1801, 33.7135**.

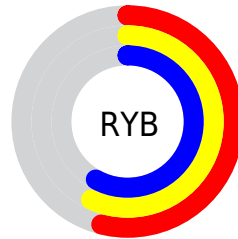
Distribution



Red (54%)

Green (58%)

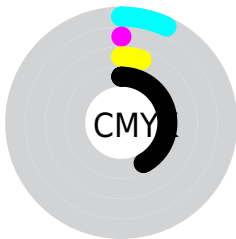
Blue (55%)



Red (54%)

Yellow (57%)

Blue (58%)

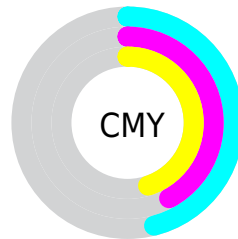


Cyan (7%)

Magenta (0%)

Yellow (5%)

Black (42%)



Cyan (46%)

Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8789, 28.5062, 29.3376 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 25.8789, 28.5062, 29.3376 by changing the saturation by 10% instead.

■ 25.8789, 28.5062,
29.3376

■ 25.8789, 28.5062,
29.3376

274.4547,
294.8779, 312.9152

■ 16.8653, 18.7076,
19.0886

■ 52.5122, 57.2916,
59.6616

■ 10.2332, 11.4592,
11.5568

■ 70.8626, 77.0472,
80.5737

■ 5.6173, 6.3766,
6.3238

■ 93.0560, 100.8906,
105.8772

■ 2.6522, 3.0754,
2.9710

119.4577,
129.2061, 135.9907

■ 0.9726, 1.1712,
1.0799

150.4330,
162.3782, 171.3327

■ 0.0000, 0.0380,
0.0000

186.3474,

■ 0.0000, 0.0000,

200.7913, 212.3217

0.0000

227.5662,
244.8297, 259.3764

■ 25.8789, 28.5062,
29.3376

■ 25.8789, 28.5062,
29.3376

■ 22.8600, 27.0356,
25.3585

■ 29.3053, 30.1801,
33.7135

■ 20.2307, 25.7571,
21.7633

■ 33.1514, 32.0609,
38.4950

■ 17.9756, 24.6635,
18.5413

■ 37.4316, 34.1569,
43.6928

■ 16.0771, 23.7461,
15.6802

■ 42.1593, 36.4745,
49.3167

■ 14.5161, 22.9954,
13.1675

■ 47.3469, 39.0201,
55.3761

■ 13.2719, 22.4009,
10.9896

■ 53.0067, 41.7997,
61.8803

■ 12.3212, 21.9509,
9.1321

■ 59.1503, 44.8192,
68.8381

■ 11.6374, 21.6321,
7.5797

■ 65.2704, 47.8169,
76.2339

■ 11.1788, 21.4232,
6.3151

■ 66.7182, 48.3960,
83.8581

Harmonies

Analogous

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



26.3353, 28.5062, 27.8840



25.8789, 28.5062, 29.3376



25.7461, 28.5062, 31.3056

Triad

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



25.8789, 28.5062, 29.3376



27.1874, 28.5062, 35.1335



28.2514, 28.5062, 28.8955

Complementary

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



25.8789, 28.5062, 29.3376



26.4132, 26.5180, 30.5159

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.



28.4888, 28.5062, 30.7728



25.8789, 28.5062, 29.3376



27.8677, 28.5062, 34.4222

Square

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



25.8789, 28.5062, 29.3376



26.4937, 28.5062, 34.7084



28.3471, 28.5062, 32.8037



27.7039, 28.5062, 27.6367

Rectangle

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



25.8789, 28.5062, 29.3376



25.8569, 28.5062, 32.6593



28.3471, 28.5062, 32.8037



28.3705, 28.5062, 29.4720

Sweetspot

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



25.8797, 28.5074, 29.3382



48.4220, 51.6448, 55.3173



26.8849, 29.0511, 28.2357



11.0712, 11.7979, 12.6501



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



25.8797, 28.5074, 29.3382



44.8718, 49.9123, 50.7374



26.2475, 28.6545, 31.2749



5.7969, 6.4954, 6.5415



9.4510, 18.2532, 5.1504



0.1275, 0.2281, 0.1252

Inverse Universe

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



26.4132, 26.5180, 30.5159



45.9977, 45.7132, 53.2230



26.0481, 26.3720, 28.5935



5.9620, 5.8799, 6.9059



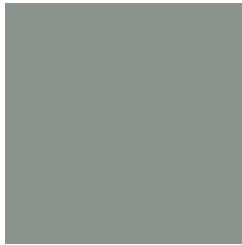
12.5615, 6.2296, 11.7037



0.1668, 0.0815, 0.2120

Previews

White Background



This preview shows how the XYZ color 25.8789, 28.5062, 29.3376 looks on a white background.

Color Contrast Check

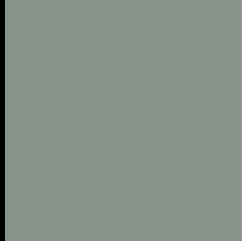
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8789, 28.5062, 29.3376 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

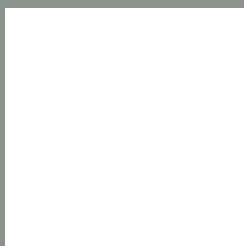
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8789, 28.5062, 29.3376

Background



This preview shows how black text looks on a background with the XYZ color 25.8789, 28.5062, 29.3376.



This preview shows how white text looks on a background with the XYZ color 25.8789, 28.5062,

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

25.8789, 28.5062, 29.3376

Protanopia

27.1800, 28.5044, 28.4955

Deuteranopia

28.9046, 28.4763, 29.5642



Tritanopia

27.3492, 28.6548, 35.9878

Trichromacy



Original Color

25.8789, 28.5062, 29.3376

Protanomaly

26.6896, 28.4710, 28.8997

Deuteranomaly

27.8046, 28.5749, 29.6412

Tritanomaly

26.8348, 28.6773, 33.3991

Monochromacy



Original Color

25.8789, 28.5062, 29.3376

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.2387, 27.9848, 30.0053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8789, 28.5062, 29.3376 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(138, 148, 141)` looks like.

```
.text, #text, p{  
    color:rgb(138, 148, 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(138, 148, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 148, 141) }
```

Border

The CSS property to change the border of an element to XYZ 25.8789, 28.5062, 29.3376 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(138, 148, 141) }
```


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

```
.border{ border-color:rgb(138, 148, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 148, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 148, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 148, 141);  
box-shadow:4px 4px 4px 4px rgb(138, 148,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8789, 28.5062, 29.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 148, 141) }
```

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

```
.background{ background-color: rgb(138,  
148, 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](#).

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