

Converting Colors

XYZ(25.8845, 28.9927, 8.9781)

Have a look what the booklet for
XYZ(25.8845, 28.9927, 8.9781)
contains.

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Color

**XYZ(25.7852, 28.9096,
8.9237)**

Conversions

Conversions Part 1

Format	Color
Hex	9F943F
RGB	159, 148, 63
RGB Percent	62%, 58%, 25%
CMY	0.3765, 0.4196, 0.7529
CMYK	0.00, 0.07, 0.60, 0.38
HSL	53°, 43%, 44%
HSV	53°, 60%, 62%
XYZ	25.7852, 28.9096, 8.9237
YIQ	141.5990, 33.8410, -24.1030

Conversions

Conversions Part 2

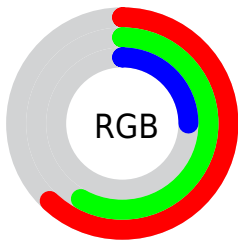
Format	Color
R_{YB}	75, 159, 63
Decimal	10458175
CIE Lab	60.70, -6.93, 45.37
CIE LCh	61, 45.897, 98.687
Yxy	28.9096, 0.4053, 0.4544
Android (android.graphics.Color)	4288648255 (0xFF9F943F)
YUV	141.5990, -38.7493, 15.2607
Hunter-Lab	53.7676, -8.4906, 27.7971

Details

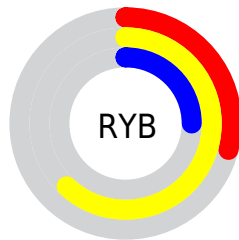
The XYZ color **25.7852, 28.9096, 8.9237** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **10.7567, 8.4573, 33.8663**, and the grayscale version is **25.6921, 27.0301, 29.4358**.

A 20% lighter version of the original color is **52.4767, 58.0549, 24.3595**, and **10.2372, 11.7562, 1.9593** is the 20% darker color. If you saturate the color by 10%, you get **25.1203, 28.1912, 6.8176**, and if you desaturate by 10%, it is **26.5843, 29.6910, 11.7083**.

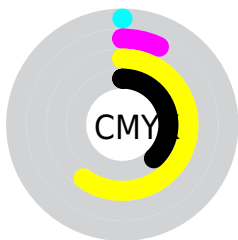
Distribution



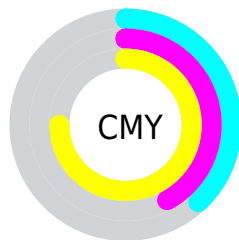
- Red (62%)
- Green (58%)
- Blue (25%)



- Red (29%)
- Yellow (62%)
- Blue (25%)



- Cyan (0%)
- Magenta (7%)
- Yellow (60%)
- Black (38%)



- Cyan (38%)
- Magenta (42%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7852, 28.9096, 8.9237 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 25.7852, 28.9096, 8.9237 by changing the saturation by 10% instead.

■ 25.7852, 28.9096,
8.9237

■ 25.7852, 28.9096,
8.9237

274.0021,
296.7882, 193.0047

■ 16.7949, 19.0124,
4.5953

■ 52.3620, 57.9334,
24.3257

■ 10.1827, 11.6793,
1.9573

■ 70.6791, 77.8289,
36.2365

■ 5.5835, 6.5257,
0.5288

■ 92.8360, 101.8259,
51.5117

■ 2.6317, 3.1673,
0.0000

■ 119.1978,
130.3089, 70.5700

■ 0.9622, 1.2197,
0.0000

■ 150.1299,
163.6622, 93.8299

■ 0.0000, 0.0777,
0.0000

185.9978,

■ 0.0000, 0.0000,

202.2703, 121.7100

0.0000

227.1667,
246.5175, 154.6288

■ 25.7852, 28.9096,
8.9237

■ 25.7852, 28.9096,
8.9237

■ 25.1203, 28.1912,
6.8176

■ 26.5843, 29.6910,
11.7083

■ 24.5762, 27.5272,
5.3283

■ 27.5256, 30.5355,
15.2226

■ 24.1401, 26.9135,
4.3858

■ 28.6189, 31.4480,
19.5148

■ 23.7917, 26.3582,
3.8337

■ 29.8724, 32.4319,
24.6286

■ 31.2940, 33.4903,
30.6043

■ 32.8906, 34.6261,
37.4796

■ 34.6692, 35.8421,
45.2900

■ 36.6361, 37.1407,
54.0691

■ 38.7973, 38.5246,
63.8488

Harmonies

Analogous

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



31.8504, 28.9096, 9.7531



25.7852, 28.9096, 8.9237



20.9274, 28.9096, 12.1999

Triad

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



25.7852, 28.9096, 8.9237



19.4781, 28.9096, 56.7291



39.5770, 28.9096, 44.9552

Complementary

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



25.7852, 28.9096, 8.9237



10.7567, 8.4573, 33.8663

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.



35.2695, 28.9096, 64.6159



25.7852, 28.9096, 8.9237



23.5248, 28.9096, 72.9459

Square

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



25.7852, 28.9096, 8.9237



17.6467, 28.9096, 36.6920



29.2427, 28.9096, 76.2615



40.4135, 28.9096, 26.7823

Rectangle

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



25.7852, 28.9096, 8.9237



18.8146, 28.9096, 17.3324



29.2427, 28.9096, 76.2615



38.4600, 28.9096, 51.7673

Sweetspot

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



25.7859, 28.9110, 8.9243



53.9919, 58.4572, 46.1567



17.3185, 11.4233, 7.8065



12.0219, 13.0646, 9.7810



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.



25.7859, 28.9110, 8.9243



44.6749, 50.1221, 11.3008



21.3499, 29.3074, 9.2346



7.1053, 7.5905, 7.0763



18.8108, 20.8572, 3.0344



0.3529, 0.4061, 0.0598

Inverse Universe

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



10.7567, 8.4573, 33.8663



15.4500, 10.3919, 59.9350



13.2692, 8.7565, 33.7916



6.3429, 6.5516, 8.3370



5.1334, 2.3583, 26.0919



0.1074, 0.0734, 0.4717

Previews

White Background



This preview shows how the XYZ color 25.7852, 28.9096, 8.9237 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 25.7852, 28.9096, 8.9237 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 25.7852, 28.9096, 8.9237

Background



This preview shows how black text looks on a background with the XYZ color 25.7852, 28.9096, 8.9237.



This preview shows how white text looks on a background with the XYZ color 25.7852, 28.9096,

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

25.7852, 28.9096, 8.9237

Protanopia

26.4352, 29.0128, 8.9094

Deuteranopia

29.2428, 28.6706, 8.9938



Tritanopia

30.6740, 28.8827, 32.8124

Trichromacy



Original Color

25.7852, 28.9096, 8.9237

Protanomaly

26.2312, 28.9077, 8.8998

Deuteranomaly

27.8320, 28.6004, 8.9040

Tritanomaly

28.2529, 28.5465, 21.1605

Monochromacy



Original Color

25.7852, 28.9096, 8.9237

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.1666, 27.4347, 19.5918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7852, 28.9096, 8.9237 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(159, 148, 63)` looks like.

```
.text, #text, p{  
    color:rgb(159, 148, 63)  
}
```

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(159, 148, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 148, 63) }
```

Border

The CSS property to change the border of an element to XYZ 25.7852, 28.9096, 8.9237 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(159, 148, 63) }
```


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

```
.border{ border-color:rgb(159, 148, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 148, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 148, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 148, 63);  
box-shadow:4px 4px 4px 4px rgb(159, 148,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7852, 28.9096, 8.9237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 148, 63) }
```

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

```
.background{ background-color: rgb(159,  
148, 63) }
```

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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