

Converting Colors

XYZ(25.8192, 29.3617, 10.6099)

Have a look what the booklet for
XYZ(25.8192, 29.3617, 10.6099)
contains.

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Color

**XYZ(25.8192, 29.3617,
10.6099)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9649
RGB	156, 150, 73
RGB Percent	61%, 59%, 29%
CMY	0.3882, 0.4117, 0.7137
CMYK	0.00, 0.04, 0.53, 0.39
HSL	56°, 36%, 45%
HSV	56°, 53%, 61%
XYZ	25.8192, 29.3617, 10.6099
YIQ	143.0160, 28.2930, -22.6750

Conversions

Conversions Part 2

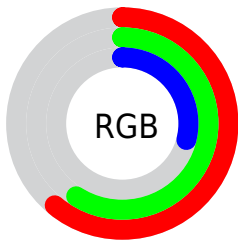
Format	Color
R_{YB}	79, 156, 73
Decimal	10262089
CIE Lab	61.10, -8.50, 40.90
CIE LCh	61, 41.771, 101.748
Yxy	29.3617, 0.3924, 0.4463
Android (android.graphics.Color)	4288452169 (0xFF9C9649)
YUV	143.0160, -34.5179, 11.3870
Hunter-Lab	54.1864, -9.7731, 26.3213

Details

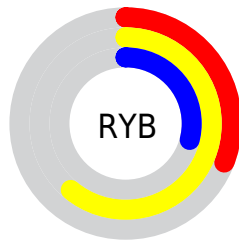
The XYZ color **25.8192, 29.3617, 10.6099** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **11.5443, 9.4084, 32.6597**, and the grayscale version is **26.2410, 27.6076, 30.0647**.

A 20% lighter version of the original color is **52.3823, 58.6380, 27.6262**, and **10.2100, 11.8691, 2.5635** is the 20% darker color. If you saturate the color by 10%, you get **25.1869, 28.8235, 8.1597**, and if you desaturate by 10%, it is **26.5844, 29.9580, 13.7452**.

Distribution



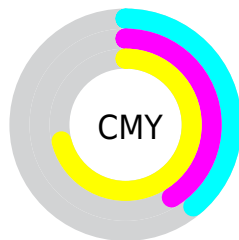
- Red (61%)
- Green (59%)
- Blue (29%)



- Red (31%)
- Yellow (61%)
- Blue (29%)



- Cyan (0%)
- Magenta (4%)
- Yellow (53%)
- Black (39%)



- Cyan (39%)
- Magenta (41%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8192, 29.3617, 10.6099 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 25.8192, 29.3617, 10.6099 by changing the saturation by 10% instead.

■ 25.8192, 29.3617,
10.6099

■ 25.8192, 29.3617,
10.6099

274.1664,
298.9178, 205.6117

■ 16.8204, 19.3546,
5.6943

■ 52.4165, 58.6513,
27.5621

■ 10.2010, 11.9268,
2.5943

■ 70.7457, 78.7025,
40.4357

■ 5.5957, 6.6938,
0.8895

■ 92.9158, 102.8706,
56.7991

■ 2.6392, 3.2714,
0.0000

■ 119.2921,
131.5400, 77.0709

■ 0.9660, 1.2750,
0.0000

■ 150.2399,
165.0950, 101.6695

■ 0.0000, 0.1217,
0.0000

186.1247,

■ 0.0000, 0.0000,

203.9200, 131.0134

0.0000

227.3117,
248.3995, 165.5214

■ 25.8192, 29.3617,
10.6099

■ 25.8192, 29.3617,
10.6099

■ 25.1869, 28.8235,
8.1597

■ 26.5844, 29.9580,
13.7452

■ 24.6754, 28.3354,
6.3407

■ 27.4893, 30.6118,
17.6104

■ 24.2743, 27.8941,
5.0939

■ 28.5426, 31.3277,
22.2489

■ 23.9699, 27.4943,
4.3483

■ 29.7519, 32.1089,
27.6999

■ 23.7946, 27.2368,
4.0031

■ 31.1241, 32.9580,
34.0001

■ 32.6657, 33.8777,
41.1839

■ 34.3829, 34.8704,
49.2838

■ 36.2817, 35.9386,
58.3308

■ 38.3675, 37.0844,
68.3542

Harmonies

Analogous

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



31.3348, 29.3617, 11.0398



25.8192, 29.3617, 10.6099



21.4705, 29.3617, 14.3439

Triad

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



25.8192, 29.3617, 10.6099



20.7693, 29.3617, 56.5292



39.1418, 29.3617, 42.3688

Complementary

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



25.8192, 29.3617, 10.6099



11.5443, 9.4084, 32.6597

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.



35.5172, 29.3617, 60.1393



25.8192, 29.3617, 10.6099



24.7395, 29.3617, 69.9830

Square

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



25.8192, 29.3617, 10.6099



18.8203, 29.3617, 38.5070



30.1053, 29.3617, 71.4858



39.5303, 29.3617, 26.2179

Rectangle

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



25.8192, 29.3617, 10.6099



19.6261, 29.3617, 19.7206



30.1053, 29.3617, 71.4858



38.2414, 29.3617, 48.4633

Sweetspot

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



25.8199, 29.3631, 10.6105



53.3236, 57.8649, 47.0668



17.5378, 12.4112, 9.0449



11.6411, 12.6734, 9.9396



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.8199, 29.3631, 10.6105



45.5380, 52.1620, 14.0483



21.0348, 28.3529, 10.6677



7.1292, 7.6383, 7.0843



19.6104, 22.4564, 3.3009



0.3616, 0.4234, 0.0627

Inverse Universe

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



11.5443, 9.4084, 32.6597



16.7635, 11.9600, 58.5517



14.5173, 10.3278, 32.6805



6.3213, 6.5084, 8.3298



5.0547, 2.2010, 26.0657



0.1004, 0.0593, 0.4694

Previews

White Background



This preview shows how the XYZ color 25.8192, 29.3617, 10.6099 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 25.8192, 29.3617, 10.6099 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 25.8192, 29.3617, 10.6099

Background



This preview shows how black text looks on a background with the XYZ color 25.8192, 29.3617, 10.6099.



This preview shows how white text looks on a background with the XYZ color 25.8192, 29.3617,

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

25.8192, 29.3617, 10.6099

Protanopia

26.8639, 29.4342, 10.3964

Deuteranopia

29.7041, 29.0879, 10.7056



Tritanopia

30.5022, 29.2093, 33.7361

Trichromacy



Original Color

25.8192, 29.3617, 10.6099

Protanomaly

26.4143, 29.4364, 10.4205

Deuteranomaly

28.2225, 29.2116, 10.6295

Tritanomaly

28.2464, 28.9536, 22.8388

Monochromacy



Original Color

25.8192, 29.3617, 10.6099

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.7616, 28.1617, 21.2175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8192, 29.3617, 10.6099 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(156, 150, 73)` looks like.

```
.text, #text, p{  
    color:rgb(156, 150, 73)  
}
```

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(156, 150, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 150, 73) }
```

Border

The CSS property to change the border of an element to XYZ 25.8192, 29.3617, 10.6099 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(156, 150, 73) }
```


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

```
.border{ border-color:rgb(156, 150, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 150, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 150, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 150, 73);  
box-shadow:4px 4px 4px 4px rgb(156, 150,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8192, 29.3617, 10.6099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 150, 73) }
```

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

```
.background{ background-color: rgb(156,  
150, 73) }
```

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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