

Converting Colors

XYZ(25.7619, 29.4379, 16.6628)

Have a look what the booklet for
XYZ(25.7619, 29.4379, 16.6628)
contains.

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Color

**XYZ(25.8100, 29.4624,
16.6384)**

Conversions

Conversions Part 1

Format	Color
Hex	959765
RGB	149, 151, 101
RGB Percent	58%, 59%, 40%
CMY	0.4157, 0.4078, 0.6039
CMYK	0.01, 0.00, 0.33, 0.41
HSL	62°, 20%, 49%
HSV	62°, 33%, 59%
XYZ	25.8100, 29.4624, 16.6384
YIQ	144.7020, 14.8580, -15.9740

Conversions

Conversions Part 2

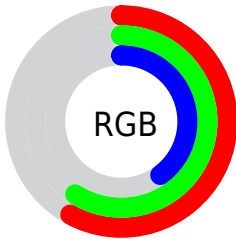
Format	Color
RYB	101, 151, 103
Decimal	9803621
CIELab	61.19, -8.92, 26.16
CIELCh	61, 27.637, 108.836
Yxy	29.4624, 0.3589, 0.4097
Android (android.graphics.Color)	4287993701 (0xFF959765)
YUV	144.7020, -21.5451, 3.7693
Hunter-Lab	54.2793, -10.1113, 19.8211

Details

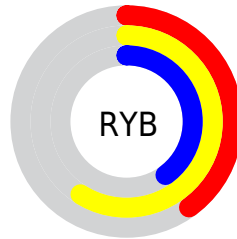
The XYZ color **25.8100, 29.4624, 16.6384** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.8343, 14.4261, 31.2299**, and the grayscale version is **26.8737, 28.2733, 30.7896**.

A 20% lighter version of the original color is **52.4007, 58.7670, 38.2871**, and **10.1295, 11.9128, 5.1337** is the 20% darker color. If you saturate the color by 10%, you get **25.0273, 29.1376, 13.0883**, and if you desaturate by 10%, it is **26.7307, 29.8445, 20.9058**.

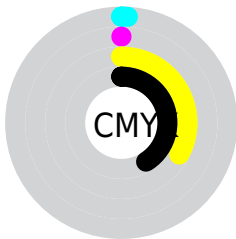
Distribution



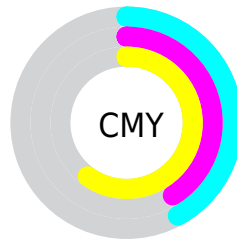
- Red (58%)
- Green (59%)
- Blue (40%)



- Red (40%)
- Yellow (59%)
- Blue (40%)



- Cyan (1%)
- Magenta (0%)
- Yellow (33%)
- Black (41%)



- Cyan (42%)
- Magenta (41%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8100, 29.4624, 16.6384 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 25.8100, 29.4624, 16.6384 by changing the saturation by 10% instead.

■ 25.8100, 29.4624,
16.6384

■ 25.8100, 29.4624,
16.6384

274.1220,
299.3905, 245.0529

■ 16.8135, 19.4309,
9.8178

■ 52.4018, 58.8109,
38.4851

■ 10.1961, 11.9820,
5.1743

■ 70.7277, 78.8968,
54.3483

■ 5.5924, 6.7315,
2.2894

■ 92.8942, 103.1028,
74.0627

■ 2.6372, 3.2947,
0.7253

■ 119.2666,
131.8135, 98.0470

■ 0.9649, 1.2875,
0.0000

150.2102,
165.4133, 126.7196

■ 0.0000, 0.1315,
0.0000

186.0904,

■ 0.0000, 0.0000,

204.2864, 160.4991

0.0000

227.2725,
248.8173, 199.8040

■ 25.8100, 29.4624,
16.6384

■ 25.8100, 29.4624,
16.6384

■ 25.0273, 29.1376,
13.0883

■ 26.7307, 29.8445,
20.9058

■ 24.3729, 28.8632,
10.2143

■ 27.7942, 30.2828,
25.9250

■ 23.8395, 28.6372,
7.9741

■ 29.0075, 30.7810,
31.7303

■ 23.4178, 28.4561,
6.3197

■ 30.3767, 31.3417,
38.3535

■ 23.0976, 28.3155,
5.1963

■ 31.9075, 31.9670,
45.8246

■ 22.8664, 28.2106,
4.5387

■ 33.6053, 32.6593,
54.1722

■ 22.7358, 28.1499,
4.2352

■ 35.4752, 33.4205,
63.4233

■ 37.5223, 34.2525,
73.6040

■ 39.7512, 35.1574,
84.7392

Harmonies

Analogous

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



29.3762, 29.4624, 16.1956



25.8100, 29.4624, 16.6384



23.0713, 29.4624, 20.6409

Triad

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



25.8100, 29.4624, 16.6384



23.6564, 29.4624, 49.5999



35.4225, 29.4624, 36.1069

Complementary

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



25.8100, 29.4624, 16.6384



15.8343, 14.4261, 31.2299

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.



33.5920, 29.4624, 47.1145



25.8100, 29.4624, 16.6384



26.6736, 29.4624, 55.9529

Square

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



25.8100, 29.4624, 16.6384



21.9041, 29.4624, 38.9743



30.3171, 29.4624, 54.9561



35.1407, 29.4624, 26.0500

Rectangle

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



25.8100, 29.4624, 16.6384



21.9865, 29.4624, 25.3914



30.3171, 29.4624, 54.9561



35.0279, 29.4624, 39.8497

Sweetspot

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



25.8107, 29.4637, 16.6390



50.3778, 54.4782, 49.3063



19.9296, 17.1540, 14.5730



11.3886, 12.3568, 10.9126



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.



25.8107, 29.4637, 16.6390



45.1216, 52.3055, 24.7982



21.7772, 27.3843, 16.4503



6.6844, 7.2103, 6.6453



19.3467, 23.9495, 3.6030



0.2957, 0.3614, 0.0542

Inverse Universe

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



15.8343, 14.4261, 31.2299



24.3390, 20.9756, 55.1995



19.0926, 16.1058, 31.3824



5.9062, 6.0375, 7.7830



4.8224, 1.9371, 25.0274



0.0774, 0.0317, 0.3744

Previews

White Background



This preview shows how the XYZ color 25.8100, 29.4624, 16.6384 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 25.8100, 29.4624, 16.6384 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

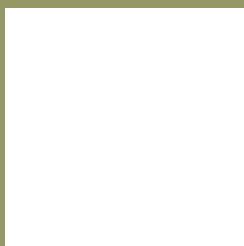
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8100, 29.4624, 16.6384

Background



This preview shows how black text looks on a background with the XYZ color 25.8100, 29.4624, 16.6384.



This preview shows how white text looks on a background with the XYZ color 25.8100, 29.4624,

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

25.8100, 29.4624, 16.6384

Protanopia

27.3874, 29.5735, 16.3214

Deuteranopia

29.8776, 29.2591, 16.9048



Tritanopia

29.6843, 29.4147, 35.5656

Trichromacy



Original Color

25.8100, 29.4624, 16.6384

Protanomaly

26.7580, 29.4829, 16.3371

Deuteranomaly

28.2496, 29.3171, 16.7402

Tritanomaly

28.0145, 29.4173, 27.4941

Monochromacy



Original Color

25.8100, 29.4624, 16.6384

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.2502, 28.5634, 24.8986

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8100, 29.4624, 16.6384 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(149, 151, 101)` looks like.

```
.text, #text, p{  
    color:rgb(149, 151, 101)  
}
```

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(149, 151, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 151, 101) }
```

Border

The CSS property to change the border of an element to XYZ 25.8100, 29.4624, 16.6384 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(149, 151, 101) }
```


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

```
.border{ border-color:rgb(149, 151, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 151, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 151, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 151, 101);  
box-shadow:4px 4px 4px 4px rgb(149, 151,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8100, 29.4624, 16.6384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 151, 101) }
```

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

```
.background{ background-color: rgb(149,  
151, 101) }
```

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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