

Converting Colors

XYZ(25.7714, 29.4422, 16.7694)

Have a look what the booklet for
XYZ(25.7714, 29.4422, 16.7694)
contains.

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Color

**XYZ(25.8593, 29.4821,
16.8981)**

Conversions

Conversions Part 1

Format	Color
Hex	959766
RGB	149, 151, 102
RGB Percent	58%, 59%, 40%
CMY	0.4157, 0.4078, 0.6000
CMYK	0.01, 0.00, 0.32, 0.41
HSL	62°, 19%, 50%
HSV	62°, 32%, 59%
XYZ	25.8593, 29.4821, 16.8981
YIQ	144.8160, 14.5370, -15.6630

Conversions

Conversions Part 2

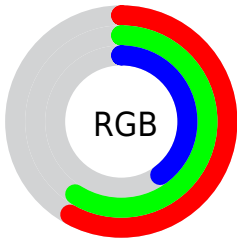
Format	Color
RYB	102, 151, 104
Decimal	9803622
CIELab	61.20, -8.79, 25.63
CIELCh	61, 27.098, 108.929
Yxy	29.4821, 0.3580, 0.4081
Android (android.graphics.Color)	4287993702 (0xFF959766)
YUV	144.8160, -21.1083, 3.6694
Hunter-Lab	54.2974, -10.0094, 19.5563

Details

The XYZ color **25.8593, 29.4821, 16.8981** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.0474, 14.6810, 31.2678**, and the grayscale version is **26.9184, 28.3202, 30.8408**.

A 20% lighter version of the original color is **52.4829, 58.7999, 38.7204**, and **10.1528, 11.9221, 5.2561** is the 20% darker color. If you saturate the color by 10%, you get **25.0656, 29.1527, 13.3016**, and if you desaturate by 10%, it is **26.7916, 29.8691, 21.2144**.

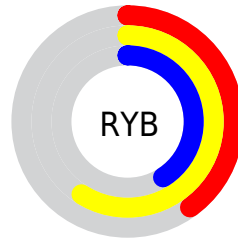
Distribution



Red (58%)

Green (59%)

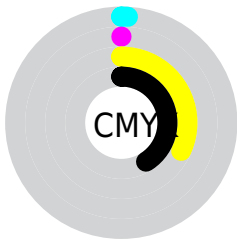
Blue (40%)



Red (40%)

Yellow (59%)

Blue (41%)

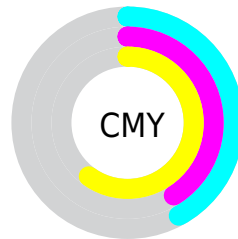


Cyan (1%)

Magenta (0%)

Yellow (32%)

Black (41%)



Cyan (42%)

Magenta (41%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8593, 29.4821, 16.8981 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 25.8593, 29.4821, 16.8981 by changing the saturation by 10% instead.

■ 25.8593, 29.4821,
16.8981

■ 25.8593, 29.4821,
16.8981

274.3601,
299.4829, 246.6085

■ 16.8505, 19.4458,
10.0007

■ 52.4808, 58.8422,
38.9387

■ 10.2226, 11.9929,
5.2938

■ 70.8242, 78.9348,
54.9190

■ 5.6102, 6.7388,
2.3589

■ 93.0100, 103.1483,
74.7640

■ 2.6479, 3.2993,
0.7639

■ 119.4033,
131.8670, 98.8923

■ 0.9704, 1.2899,
0.0000

150.3696,
165.4755, 127.7223

■ 0.0000, 0.1334,
0.0000

186.2743,

■ 0.0000, 0.0000,

204.3580, 161.6727

0.0000

227.4827,
248.8990, 201.1619

■ 25.8593, 29.4821,
16.8981

■ 25.8593, 29.4821,
16.8981

■ 25.0656, 29.1527,
13.3016

■ 26.7916, 29.8691,
21.2144

■ 24.4007, 28.8738,
10.3840

■ 27.8670, 30.3124,
26.2847

■ 23.8574, 28.6436,
8.1032

■ 29.0927, 30.8159,
32.1433

■ 23.4265, 28.4585,
6.4115

■ 30.4747, 31.3819,
38.8218

■ 23.0978, 28.3143,
5.2546

■ 32.0187, 32.0129,
46.3502

■ 22.8590, 28.2062,
4.5684

■ 33.7301, 32.7108,
54.7569

■ 22.7141, 28.1387,
4.2341

■ 35.6140, 33.4778,
64.0689

■ 37.6754, 34.3159,
74.3122

■ 39.9189, 35.2269,
85.5116

Harmonies

Analogous

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



29.3570, 29.4821, 16.4488



25.8593, 29.4821, 16.8981



23.1714, 29.4821, 20.8666

Triad

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



25.8593, 29.4821, 16.8981



23.7607, 29.4821, 49.2657



35.2912, 29.4821, 36.0146

Complementary

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



25.8593, 29.4821, 16.8981



16.0474, 14.6810, 31.2678

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.



33.5060, 29.4821, 46.7808



25.8593, 29.4821, 16.8981



26.7278, 29.4821, 55.4412

Square

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



25.8593, 29.4821, 16.8981



22.0325, 29.4821, 38.8902



30.3017, 29.4821, 54.4461



35.0087, 29.4821, 26.1518

Rectangle

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



25.8593, 29.4821, 16.8981



22.1071, 29.4821, 25.5559



30.3017, 29.4821, 54.4461



34.9073, 29.4821, 39.6778

Sweetspot

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



25.8600, 29.4834, 16.8987



50.3737, 54.4760, 49.3061



20.0753, 17.3664, 14.8648



11.3875, 12.3563, 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.



25.8600, 29.4834, 16.8987



45.2434, 52.3547, 25.4182



21.9040, 27.4440, 16.7136



6.6839, 7.2100, 6.6452



19.3283, 23.9400, 3.6022



0.2956, 0.3613, 0.0542

Inverse Universe

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



16.0474, 14.6810, 31.2678



24.8478, 21.5840, 55.2902



19.2604, 16.3374, 31.4182



5.9067, 6.0378, 7.7831



4.8239, 1.9378, 25.0275



0.0776, 0.0318, 0.3744

Previews

White Background



This preview shows how the XYZ color 25.8593, 29.4821, 16.8981 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 25.8593, 29.4821, 16.8981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

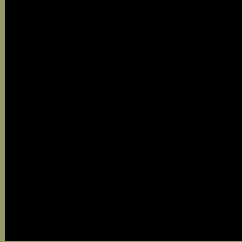
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.8593, 29.4821, 16.8981

Background



This preview shows how black text looks on a background with the XYZ color 25.8593, 29.4821, 16.8981.



This preview shows how white text looks on a background with the XYZ color 25.8593, 29.4821,

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

25.8593, 29.4821, 16.8981

Protanopia

27.4361, 29.5930, 16.5779

Deuteranopia

29.9281, 29.2793, 17.1708



Tritanopia

29.6843, 29.4147, 35.5656

Trichromacy



Original Color

25.8593, 29.4821, 16.8981

Protanomaly

26.8067, 29.5024, 16.5936

Deuteranomaly

28.2995, 29.3371, 17.0030

Tritanomaly

28.0145, 29.4173, 27.4941

Monochromacy



Original Color

25.8593, 29.4821, 16.8981

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 25.8593, 29.4821, 16.8981 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(149, 151, 102)  
}
```

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, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 151, 102) }
```

Border

The CSS property to change the border of an element to XYZ 25.8593, 29.4821, 16.8981 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, 102) }
```


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

```
.border{ border-color:rgb(149, 151, 102) }
```

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, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 151, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 151, 102);  
box-shadow:4px 4px 4px 4px rgb(149, 151,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8593, 29.4821, 16.8981 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, 102) }
```

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

```
.background{ background-color: rgb(149,  
151, 102) }
```

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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