

Converting Colors

XYZ(25.6163, 29.2254, 16.9431)

Have a look what the booklet for
XYZ(25.6163, 29.2254, 16.9431)
contains.

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Color

**XYZ(25.5174, 29.0679,
16.8361)**

Conversions

Conversions Part 1

Format	Color
Hex	949666
RGB	148, 150, 102
RGB Percent	58%, 59%, 40%
CMY	0.4196, 0.4117, 0.6000
CMYK	0.01, 0.00, 0.32, 0.41
HSL	63°, 19%, 49%
HSV	63°, 32%, 59%
XYZ	25.5174, 29.0679, 16.8361
YIQ	143.9300, 14.2160, -15.3520

Conversions

Conversions Part 2

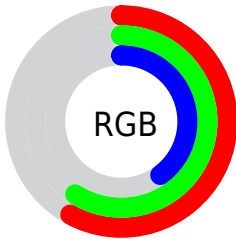
Format	Color
RYB	102, 150, 104
Decimal	9737830
CIELab	60.84, -8.66, 25.14
CIElCh	61, 26.588, 109.007
Yxy	29.0679, 0.3573, 0.4070
Android (android.graphics.Color)	4287927910 (0xFF949666)
YUV	143.9300, -20.6715, 3.5694
Hunter-Lab	53.9147, -9.8679, 19.2256

Details

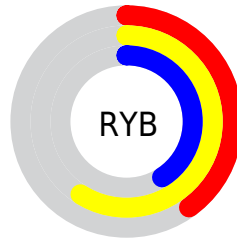
The XYZ color **25.5174, 29.0679, 16.8361** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.9663, 14.6485, 30.8417**, and the grayscale version is **26.5583, 27.9414, 30.4282**.

A 20% lighter version of the original color is **51.9712, 58.1821, 38.6281**, and **9.9516, 11.6768, 5.2194** is the 20% darker color. If you saturate the color by 10%, you get **24.7272, 28.7398, 13.2611**, and if you desaturate by 10%, it is **26.4443, 29.4528, 21.1214**.

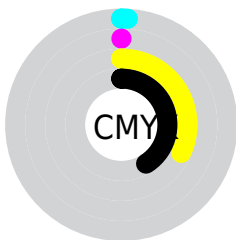
Distribution



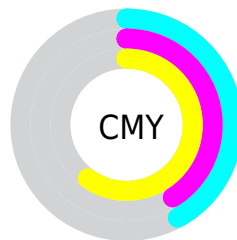
- Red (58%)
- Green (59%)
- Blue (40%)



- 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 25.5174, 29.0679, 16.8361 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 25.5174, 29.0679, 16.8361 by changing the saturation by 10% instead.

■ 25.5174, 29.0679,
16.8361

■ 25.5174, 29.0679,
16.8361

272.7053,
297.5352, 246.2380

■ 16.5937, 19.1322,
9.9570

■ 51.9322, 58.1849,
38.8305

■ 10.0388, 11.7658,
5.2652

■ 70.1541, 78.1351,
54.7829

■ 5.4871, 6.5844,
2.3423

■ 92.2061, 102.1921,
74.5969

■ 2.5735, 3.2036,
0.7547

■ 118.4536,
130.7405, 98.6908

■ 0.9325, 1.2389,
0.0000

149.2619,
164.1646, 127.4834

■ 0.0000, 0.0932,
0.0000

184.9963,

■ 0.0000, 0.0000,

202.8488, 161.3931

0.0000

226.0224,
247.1776, 200.8384

■ 25.5174, 29.0679,
16.8361

■ 25.5174, 29.0679,
16.8361

■ 24.7272, 28.7398,
13.2611

■ 26.4443, 29.4528,
21.1214

■ 24.0642, 28.4616,
10.3563

■ 27.5125, 29.8933,
26.1505

■ 23.5213, 28.2315,
8.0805

■ 28.7290, 30.3931,
31.9571

■ 23.0896, 28.0460,
6.3869

■ 30.0996, 30.9547,
38.5722

■ 22.7590, 27.9010,
5.2228

■ 31.6299, 31.5802,
46.0252

■ 22.5176, 27.7918,
4.5253

■ 33.3252, 32.2718,
54.3440

■ 22.3638, 27.7201,
4.1718

■ 35.1906, 33.0315,
63.5551

■ 37.2309, 33.8613,
73.6840

■ 39.4508, 34.7629,
84.7552

Harmonies

Analogous

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



28.9164, 29.0679, 16.3876



25.5174, 29.0679, 16.8361



22.9043, 29.0679, 20.7238

Triad

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



25.5174, 29.0679, 16.8361



23.4895, 29.0679, 48.3211



34.6877, 29.0679, 35.4244

Complementary

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



25.5174, 29.0679, 16.8361



15.9663, 14.6485, 30.8417

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.



32.9606, 29.0679, 45.8671



25.5174, 29.0679, 16.8361



26.3787, 29.0679, 54.2824

Square

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



25.5174, 29.0679, 16.8361



21.8028, 29.0679, 38.2704



29.8522, 29.0679, 53.3008



34.4084, 29.0679, 25.8409

Rectangle

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



25.5174, 29.0679, 16.8361



21.8702, 29.0679, 25.3025



29.8522, 29.0679, 53.3008



34.3172, 29.0679, 38.9791

Sweetspot

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



25.5181, 29.0692, 16.8367



48.9184, 52.9033, 47.8925



19.8870, 17.2643, 14.8549



10.7836, 11.7005, 10.3412



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.



25.5181, 29.0692, 16.8367



44.0641, 50.8954, 25.3203



21.6758, 27.0884, 16.6569



6.2418, 6.7325, 6.2110



18.5539, 22.9927, 3.4601



0.2331, 0.2845, 0.0426

Inverse Universe

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



15.9663, 14.6485, 30.8417



24.6517, 21.5845, 53.7882



19.0993, 16.2636, 30.9883



5.5205, 5.6438, 7.2681



4.6377, 1.8634, 24.0463



0.0612, 0.0251, 0.2945

Previews

White Background



This preview shows how the XYZ color 25.5174, 29.0679, 16.8361 looks on a white background.

Color Contrast Check

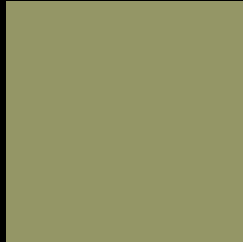
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5174, 29.0679, 16.8361 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 25.5174, 29.0679, 16.8361

Background



This preview shows how black text looks on a background with the XYZ color 25.5174, 29.0679, 16.8361.



This preview shows how white text looks on a background with the XYZ color 25.5174, 29.0679,

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

25.5174, 29.0679, 16.8361

Protanopia

27.0808, 29.1780, 16.5165

Deuteranopia

29.3323, 28.7543, 17.1009



Tritanopia

29.0653, 28.8815, 35.0531

Trichromacy



Original Color

25.5174, 29.0679, 16.8361

Protanomaly

26.4564, 29.0880, 16.5321

Deuteranomaly

27.9385, 28.9251, 16.9426

Tritanomaly

27.6717, 29.0107, 27.4337

Monochromacy



Original Color

25.5174, 29.0679, 16.8361

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.9184, 28.1625, 24.8387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5174, 29.0679, 16.8361 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(148, 150, 102)` looks like.

```
.text, #text, p{  
    color:rgb(148, 150, 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(148, 150, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 150, 102) }
```

Border

The CSS property to change the border of an element to XYZ 25.5174, 29.0679, 16.8361 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(148, 150, 102) }
```


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

```
.border{ border-color:rgb(148, 150, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 150, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 150, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 150, 102);  
box-shadow:4px 4px 4px 4px rgb(148, 150,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5174, 29.0679, 16.8361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 150, 102) }
```

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

```
.background{ background-color: rgb(148,  
150, 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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