

Converting Colors

XYZ(25.4965, 28.3668, 16.1881)

Have a look what the booklet for
XYZ(25.4965, 28.3668, 16.1881)
contains.

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Color

**XYZ(25.4965, 28.3668,
16.1881)**

Conversions

Conversions Part 1

Format	Color
Hex	979364
RGB	151, 147, 100
RGB Percent	59%, 58%, 39%
CMY	0.4078, 0.4235, 0.6078
CMYK	0.00, 0.03, 0.34, 0.41
HSL	55°, 20%, 49%
HSV	55°, 34%, 59%
XYZ	25.4965, 28.3668, 16.1881
YIQ	142.8380, 17.4710, -13.7690

Conversions

Conversions Part 2

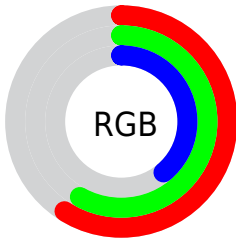
Format	Color
RYB	104, 151, 100
Decimal	9933668
CIELab	60.22, -6.06, 25.46
CIELCh	60, 26.172, 103.394
Yxy	28.3668, 0.3640, 0.4049
Android (android.graphics.Color)	4288123748 (0xFF979364)
YUV	142.8380, -21.1191, 7.1581
Hunter-Lab	53.2605, -7.7556, 19.2616

Details

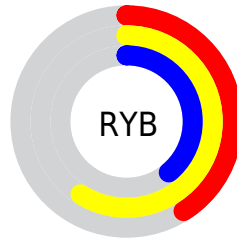
The XYZ color **25.4965, 28.3668, 16.1881** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.7918, 14.8441, 31.3113**, and the grayscale version is **26.1211, 27.4814, 29.9272**.

A 20% lighter version of the original color is **51.9262, 57.1295, 37.5684**, and **10.0401, 11.4500, 4.9297** is the 20% darker color. If you saturate the color by 10%, you get **24.6496, 27.7361, 12.6282**, and if you desaturate by 10%, it is **26.4822, 29.0581, 20.4633**.

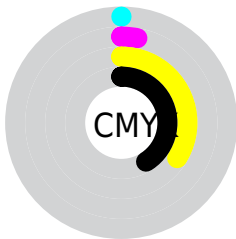
Distribution



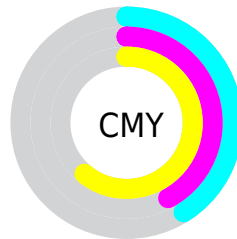
- Red (59%)
- Green (58%)
- Blue (39%)



- Red (41%)
- Yellow (59%)
- Blue (39%)



- Cyan (0%)
- Magenta (3%)
- Yellow (34%)
- Black (41%)



- Cyan (41%)
- Magenta (42%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4965, 28.3668, 16.1881 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 25.4965, 28.3668, 16.1881 by changing the saturation by 10% instead.

■ 25.4965, 28.3668,
16.1881

■ 25.4965, 28.3668,
16.1881

272.6039,
294.2155, 242.3326

■ 16.5780, 18.6023,
9.5016

■ 51.8987, 57.0695,
37.6958

■ 10.0275, 11.3833,
4.9685

■ 70.1131, 76.7766,
53.3540

■ 5.4796, 6.3253,
2.1704

■ 92.1569, 100.5666,
72.8398

■ 2.5690, 3.0439,
0.6572

■ 118.3954,
128.8241, 96.5719

■ 0.9302, 1.1547,
0.0000

149.1940,
161.9333, 124.9686

■ 0.0000, 0.0242,
0.0000

184.9180,

■ 0.0000, 0.0000,

200.2786, 158.4486

0.0000

225.9329,
244.2446, 197.4304

■ 25.4965, 28.3668,
16.1881

■ 25.4965, 28.3668,
16.1881

■ 24.6496, 27.7361,
12.6282

■ 26.4822, 29.0581,
20.4633

■ 23.9318, 27.1591,
9.7424

■ 27.6116, 29.8088,
25.4885

■ 23.3357, 26.6337,
7.4879

■ 28.8917, 30.6229,
31.2982

■ 22.8521, 26.1564,
5.8164

■ 30.3286, 31.5028,
37.9244

■ 22.4704, 25.7228,
4.6724

■ 31.9281, 32.4508,
45.3971

■ 22.1781, 25.3279,
3.9898

■ 33.6956, 33.4690,
53.7449

■ 22.0194, 25.0929,
3.6829

■ 35.6362, 34.5596,
62.9952

■ 37.7550, 35.7245,
73.1739

■ 40.0566, 36.9657,
84.3060

Harmonies

Analogous

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



28.8455, 28.3668, 16.3627



25.4965, 28.3668, 16.1881



22.7728, 28.3668, 19.3242

Triad

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



25.4965, 28.3668, 16.1881



22.5454, 28.3668, 45.3785



33.6200, 28.3668, 36.4663

Complementary

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



25.4965, 28.3668, 16.1881



15.7918, 14.8441, 31.3113

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.



31.6353, 28.3668, 46.3302



25.4965, 28.3668, 16.1881



25.1619, 28.3668, 52.1607

Square

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



25.4965, 28.3668, 16.1881



21.1667, 28.3668, 35.3618



28.4822, 28.3668, 52.5412



33.7284, 28.3668, 26.8059

Rectangle

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



25.4965, 28.3668, 16.1881



21.6012, 28.3668, 23.3373



28.4822, 28.3668, 52.5412



33.1432, 28.3668, 39.9102

Sweetspot

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



25.4972, 28.3681, 16.1887



50.2364, 53.8914, 49.2005



19.8314, 16.6986, 15.3417



11.3524, 12.2067, 10.8855



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.



25.4972, 28.3681, 16.1887



44.4219, 49.8848, 23.7637



22.5348, 27.7797, 16.2313



6.6675, 7.1400, 6.6326



18.7418, 21.3659, 3.1362



0.2908, 0.3406, 0.0504

Inverse Universe

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



15.7918, 14.8441, 31.3113



24.1644, 21.6613, 55.3411



18.0637, 15.4321, 31.3050



5.9215, 6.1003, 7.7943



4.8717, 2.1400, 25.0640



0.0819, 0.0501, 0.3777

Previews

White Background



This preview shows how the XYZ color 25.4965, 28.3668, 16.1881 looks on a white background.

Color Contrast Check

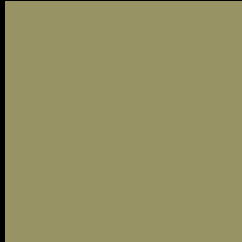
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4965, 28.3668, 16.1881 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

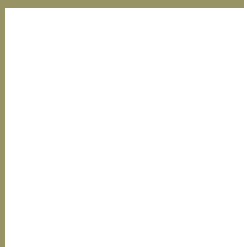
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4965, 28.3668, 16.1881

Background



This preview shows how black text looks on a background with the XYZ color 25.4965, 28.3668, 16.1881.



This preview shows how white text looks on a background with the XYZ color 25.4965, 28.3668,

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

25.4965, 28.3668, 16.1881

Protanopia

26.2822, 28.3197, 15.8854

Deuteranopia

28.8645, 28.3088, 16.5132



Tritanopia

28.9502, 28.1913, 33.6214

Trichromacy



Original Color

25.4965, 28.3668, 16.1881

Protanomaly

26.0486, 28.4272, 15.9185

Deuteranomaly

27.5390, 28.2849, 16.3200

Tritanomaly

27.5737, 28.3069, 26.2008

Monochromacy



Original Color

25.4965, 28.3668, 16.1881

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.6581, 27.5898, 24.0517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4965, 28.3668, 16.1881 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(151, 147, 100)` looks like.

```
.text, #text, p{  
    color:rgb(151, 147, 100)  
}
```

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(151, 147, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 147, 100) }
```

Border

The CSS property to change the border of an element to XYZ 25.4965, 28.3668, 16.1881 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(151, 147, 100) }
```


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

```
.border{ border-color:rgb(151, 147, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 147, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 147, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 147, 100);  
box-shadow:4px 4px 4px 4px rgb(151, 147,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4965, 28.3668, 16.1881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 147, 100) }
```

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

```
.background{ background-color: rgb(151,  
147, 100) }
```

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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