

Converting Colors

XYZ(29.6076, 29.3996, 25.5665)

Have a look what the booklet for
XYZ(29.6076, 29.3996, 25.5665)
contains.

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Color

**XYZ(29.6451, 29.3906,
25.5832)**

Conversions

Conversions Part 1

Format	Color
Hex	A68F83
RGB	166, 143, 131
RGB Percent	65%, 56%, 51%
CMY	0.3490, 0.4392, 0.4863
CMYK	0.00, 0.14, 0.21, 0.35
HSL	21°, 16%, 58%
HSV	21°, 21%, 65%
XYZ	29.6451, 29.3906, 25.5832
YIQ	148.5090, 17.5600, 1.1440

Conversions

Conversions Part 2

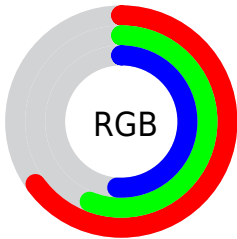
Format	Color
RYB	166, 149, 131
Decimal	10915715
CIELab	61.12, 6.65, 9.56
CIELCh	61, 11.646, 55.178
Yxy	29.3906, 0.3503, 0.3473
Android (android.graphics.Color)	4289105795 (0xFFA68F83)
YUV	148.5090, -8.6319, 15.3396
Hunter-Lab	54.2131, 2.7354, 9.9702

Details

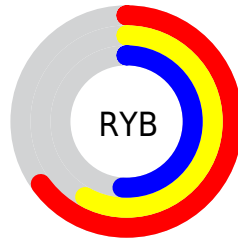
The XYZ color **29.6451, 29.3906, 25.5832** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.7984, 30.6890, 40.5351**, and the grayscale version is **28.3915, 29.8701, 32.5285**.

A 20% lighter version of the original color is **58.4368, 58.7653, 53.6103**, and **12.3768, 12.0153, 9.6495** is the 20% darker color. If you saturate the color by 10%, you get **27.0506, 25.8600, 19.6053**, and if you desaturate by 10%, it is **32.5807, 33.3145, 32.5649**.

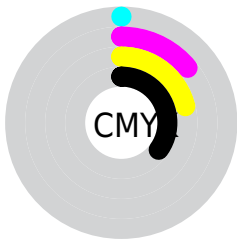
Distribution



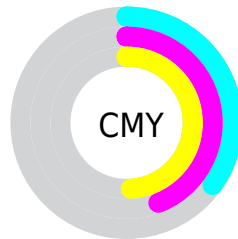
- Red (65%)
- Green (56%)
- Blue (51%)



- Red (65%)
- Yellow (58%)
- Blue (51%)



- Cyan (0%)
- Magenta (14%)
- Yellow (21%)
- Black (35%)



- Cyan (35%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6451, 29.3906, 25.5832 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 29.6451, 29.3906, 25.5832 by changing the saturation by 10% instead.

■ 29.6451, 29.3906,
25.5832

■ 29.6451, 29.3906,
25.5832

292.1863,
299.0535, 294.2701

■ 19.7161, 19.3765,
16.2891

■ 58.4910, 58.6971,
53.5776

■ 12.2959, 11.9426,
9.5724

■ 78.1385, 78.7583,
73.1150

■ 7.0192, 6.7046,
5.0145

■ 101.7563,
102.9373, 96.9039

■ 3.5205, 3.2781,
2.1969

129.7097,
131.6185, 125.3628

■ 1.4346, 1.2786,
0.6726

162.3641,
165.1864, 158.9104

■ 0.2807, 0.1245,
0.0000

200.0847,

■ 0.0000, 0.0000,

204.0252, 197.9651

0.0000

243.2370,
248.5194, 242.9455

■ 29.6451, 29.3906,
25.5832

■ 29.6451, 29.3906,
25.5832

■ 27.0506, 25.8600,
19.6053

■ 32.5807, 33.3145,
32.5649

■ 24.7817, 22.7061,
14.5826

■ 35.8674, 37.6394,
40.5920

■ 22.8253, 19.9171,
10.4655

■ 39.5177, 42.3782,
49.7062

■ 21.1661, 17.4791,
7.1989

■ 43.5426, 47.5416,
59.9462

■ 19.7878, 15.3771,
4.7215

■ 47.9528, 53.1402,
71.3489

■ 18.6720, 13.5948,
2.9641

■ 52.7585, 59.1839,
83.9495

■ 17.7975, 12.1143,
1.8448

■ 57.9695, 65.6827,
97.7815

■ 17.1857, 11.0264,
1.2225

■ 62.1455, 72.0660,
105.2425

■ 65.2810, 78.3371,
106.2876

Harmonies

Analogous

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



30.6769, 29.3906, 28.5558



29.6451, 29.3906, 25.5832



28.1824, 29.3906, 24.3329

Triad

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



29.6451, 29.3906, 25.5832



25.1103, 29.3906, 31.2998



29.2026, 29.3906, 40.2297

Complementary

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



29.6451, 29.3906, 25.5832



27.7984, 30.6890, 40.5351

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.



27.6888, 29.3906, 41.1322



29.6451, 29.3906, 25.5832



25.3613, 29.3906, 35.7135

Square

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



29.6451, 29.3906, 25.5832



25.5934, 29.3906, 27.4362



26.2917, 29.3906, 39.4121



30.4150, 29.3906, 37.0467

Rectangle

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



29.6451, 29.3906, 25.5832



27.1732, 29.3906, 24.5531



26.2917, 29.3906, 39.4121



28.7107, 29.3906, 40.8215

Sweetspot

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



29.6459, 29.3919, 25.5838



62.0154, 64.2726, 66.1038



29.7031, 26.6842, 34.3030



13.7956, 14.2746, 14.5919



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.6459, 29.3919, 25.5838



51.6663, 50.4493, 41.4597



32.4226, 34.9454, 26.5094



7.7336, 7.9473, 7.9156



13.3664, 8.6300, 0.9613



0.3726, 0.3048, 0.0392

Inverse Universe

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



27.7984, 30.6890, 40.5351



47.7389, 53.2015, 73.2281



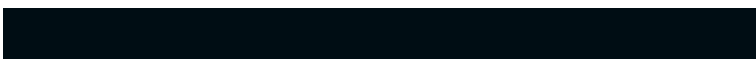
25.1654, 25.4228, 39.6574



7.5277, 8.0923, 9.5836



9.6285, 10.7173, 29.5367



0.2790, 0.3502, 0.7335

Previews

White Background



This preview shows how the XYZ color 29.6451, 29.3906, 25.5832 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 29.6451, 29.3906, 25.5832 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 29.6451, 29.3906, 25.5832

Background



This preview shows how black text looks on a background with the XYZ color 29.6451, 29.3906, 25.5832.



This preview shows how white text looks on a background with the XYZ color 29.6451, 29.3906,

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

29.6451, 29.3906, 25.5832

Protanopia

27.9938, 29.4309, 26.3956

Deuteranopia

29.9182, 29.3095, 25.5532



Tritanopia

31.1124, 29.3154, 33.2968

Trichromacy



Original Color

29.6451, 29.3906, 25.5832

Protanomaly

28.5443, 29.4928, 26.0180

Deuteranomaly

29.7061, 29.2002, 25.5432

Tritanomaly

30.4953, 29.2789, 30.4297

Monochromacy



Original Color

29.6451, 29.3906, 25.5832

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.8338, 29.7890, 29.8213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6451, 29.3906, 25.5832 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(166, 143, 131)` looks like.

```
.text, #text, p{  
    color:rgb(166, 143, 131)  
}
```

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(166, 143, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 143, 131) }
```

Border

The CSS property to change the border of an element to XYZ 29.6451, 29.3906, 25.5832 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(166, 143, 131) }
```


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

```
.border{ border-color:rgb(166, 143, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 143, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 143, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 143, 131);  
box-shadow:4px 4px 4px 4px rgb(166, 143,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6451, 29.3906, 25.5832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 143, 131) }
```

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

```
.background{ background-color: rgb(166,  
143, 131) }
```

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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