

Converting Colors

XYZ(26.0676, 28.3877, 18.0148)

Have a look what the booklet for
XYZ(26.0676, 28.3877, 18.0148)
contains.

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Color

**XYZ(26.0696, 28.3916,
18.0160)**

Conversions

Conversions Part 1

Format	Color
Hex	99926B
RGB	153, 146, 107
RGB Percent	60%, 57%, 42%
CMY	0.4000, 0.4274, 0.5804
CMYK	0.00, 0.05, 0.30, 0.40
HSL	51°, 18%, 51%
HSV	51°, 30%, 60%
XYZ	26.0696, 28.3916, 18.0160
YIQ	143.6470, 16.6910, -10.6450

Conversions

Conversions Part 2

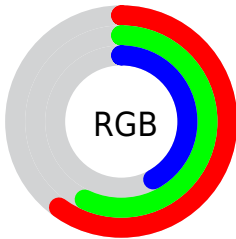
Format	Color
R_{YB}	115, 153, 107
Decimal	10064491
CIE _{Lab}	60.24, -3.76, 21.65
CIE _{LCh}	60, 21.975, 99.852
Yxy	28.3916, 0.3597, 0.3917
Android (android.graphics.Color)	4288254571 (0xFF99926B)
YUV	143.6470, -18.0670, 8.2026
Hunter-Lab	53.2838, -5.9137, 17.2518

Details

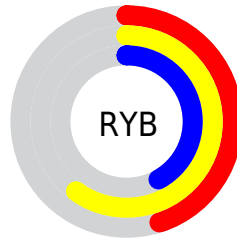
The XYZ color **26.0696, 28.3916, 18.0160** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.8304, 17.4599, 32.5674**, and the grayscale version is **26.4335, 27.8101, 30.2852**.

A 20% lighter version of the original color is **52.9247, 57.2217, 41.0563**, and **10.3391, 11.4482, 5.8025** is the 20% darker color. If you saturate the color by 10%, you get **24.9800, 27.3886, 14.0268**, and if you desaturate by 10%, it is **27.3104, 29.4688, 22.7590**.

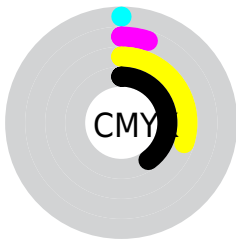
Distribution



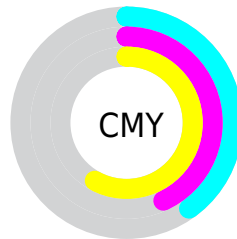
- Red (60%)
- Green (57%)
- Blue (42%)



- Red (45%)
- Yellow (60%)
- Blue (42%)



- Cyan (0%)
- Magenta (5%)
- Yellow (30%)
- Black (40%)



- Cyan (40%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0696, 28.3916, 18.0160 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 26.0696, 28.3916, 18.0160 by changing the saturation by 10% instead.

■ 26.0696, 28.3916,
18.0160

■ 26.0696, 28.3916,
18.0160

275.3740,
294.3334, 253.2004

■ 17.0087, 18.6211,
10.7919

■ 52.8177, 57.1090,
40.8789

■ 10.3360, 11.3968,
5.8147

■ 71.2356, 76.8247,
57.3548

■ 5.6863, 6.3344,
2.6658

■ 93.5032, 100.6243,
77.7517

■ 2.6941, 3.0495,
0.9261

■ 119.9858,
128.8921, 102.4881

■ 0.9941, 1.1576,
0.0000

151.0489,
162.0125, 131.9827

■ 0.0000, 0.0267,
0.0000

187.0577,

■ 0.0000, 0.0000,

200.3699, 166.6539

0.0000

228.3776,
244.3488, 206.9203

■ 26.0696, 28.3916,
18.0160

■ 26.0696, 28.3916,
18.0160

■ 24.9800, 27.3886,
14.0268

■ 27.3104, 29.4688,
22.7590

■ 24.0320, 26.4528,
10.7501

■ 28.7072, 30.6191,
28.2908

■ 23.2179, 25.5822,
8.1433

■ 30.2674, 31.8466,
34.6460

■ 22.5286, 24.7729,
6.1585

■ 31.9970, 33.1538,
41.8571

■ 21.9538, 24.0209,
4.7415

■ 33.9019, 34.5430,
49.9545

■ 21.4815, 23.3212,
3.8287

■ 35.9877, 36.0166,
58.9672

■ 21.0836, 22.6657,
3.2637

■ 38.2596, 37.5768,
68.9228

■ 40.7227, 39.2256,
79.8480

■ 43.3820, 40.9650,
91.7681

Harmonies

Analogous

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



28.8933, 28.3916, 18.5231



26.0696, 28.3916, 18.0160



23.6628, 28.3916, 20.4733

Triad

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



26.0696, 28.3916, 18.0160



23.0390, 28.3916, 41.9513



32.3935, 28.3916, 36.5673

Complementary

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



26.0696, 28.3916, 18.0160



17.8304, 17.4599, 32.5674

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.



30.6053, 28.3916, 44.4091



26.0696, 28.3916, 18.0160



25.1633, 28.3916, 47.8731

Square

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



26.0696, 28.3916, 18.0160



21.9953, 28.3916, 33.6432



27.9223, 28.3916, 48.8434



32.6783, 28.3916, 28.3359

Rectangle

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



26.0696, 28.3916, 18.0160



22.5695, 28.3916, 23.7624



27.9223, 28.3916, 48.8434



31.9426, 28.3916, 39.3724

Sweetspot

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



26.0703, 28.3929, 18.0166



51.6470, 55.0245, 51.6142



21.4702, 18.5182, 18.5624



11.3253, 12.0865, 11.0798



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.



26.0703, 28.3929, 18.0166



45.3619, 49.6389, 27.3704



24.4714, 29.2191, 18.2603



6.6289, 7.0628, 6.6197



17.4445, 18.7714, 2.7038



0.2798, 0.3187, 0.0468

Inverse Universe

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



17.8304, 17.4599, 32.5674



28.2090, 26.8843, 57.6744



19.0811, 16.9776, 32.4084



5.9566, 6.1705, 7.8061



5.0264, 2.4494, 25.1156



0.0921, 0.0705, 0.3811

Previews

White Background



This preview shows how the XYZ color 26.0696, 28.3916, 18.0160 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 26.0696, 28.3916, 18.0160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

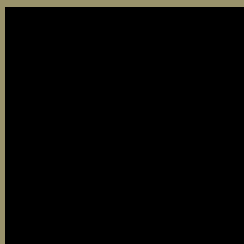
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

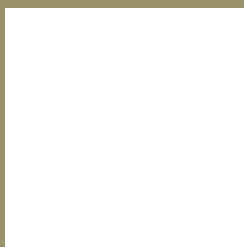
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.0696, 28.3916, 18.0160

Background



This preview shows how black text looks on a background with the XYZ color 26.0696, 28.3916, 18.0160.



This preview shows how white text looks on a background with the XYZ color 26.0696, 28.3916,

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

26.0696, 28.3916, 18.0160

Protanopia

26.4895, 28.3803, 17.9917

Deuteranopia

28.7340, 28.2059, 18.1172



Tritanopia

29.0645, 28.2596, 33.2009

Trichromacy



Original Color

26.0696, 28.3916, 18.0160

Protanomaly

26.2968, 28.2809, 17.9827

Deuteranomaly

27.6896, 28.3212, 18.1945

Tritanomaly

27.7565, 28.1632, 26.8948

Monochromacy



Original Color

26.0696, 28.3916, 18.0160

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.2548, 28.0925, 25.5114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0696, 28.3916, 18.0160 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(153, 146, 107)` looks like.

```
.text, #text, p{  
    color:rgb(153, 146, 107)  
}
```

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(153, 146, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 146, 107) }
```

Border

The CSS property to change the border of an element to XYZ 26.0696, 28.3916, 18.0160 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(153, 146, 107) }
```


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

```
.border{ border-color:rgb(153, 146, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 146, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 146, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 146, 107);  
box-shadow:4px 4px 4px 4px rgb(153, 146,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0696, 28.3916, 18.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 146, 107) }
```

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

```
.background{ background-color: rgb(153,  
146, 107) }
```

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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