

Converting Colors

XYZ(26.6367, 30.2319, 18.4554)

Have a look what the booklet for
XYZ(26.6367, 30.2319, 18.4554)
contains.

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Color

**XYZ(26.6228, 30.3280,
18.3606)**

Conversions

Conversions Part 1

Format	Color
Hex	96996B
RGB	150, 153, 107
RGB Percent	59%, 60%, 42%
CMY	0.4118, 0.4000, 0.5804
CMYK	0.02, 0.00, 0.30, 0.40
HSL	64°, 18%, 51%
HSV	64°, 30%, 60%
XYZ	26.6228, 30.3280, 18.3606
YIQ	146.8590, 12.9780, -14.9420

Conversions

Conversions Part 2

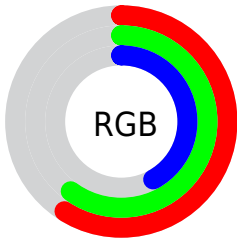
Format	Color
RYB	107, 153, 110
Decimal	9869675
CIELab	61.94, -8.79, 23.88
CIELCh	62, 25.444, 110.200
Yxy	30.3280, 0.3535, 0.4027
Android (android.graphics.Color)	4288059755 (0xFF96996B)
YUV	146.8590, -19.6505, 2.7547
Hunter-Lab	55.0709, -10.0821, 18.7823

Details

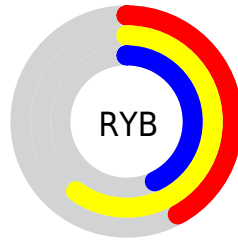
The XYZ color **26.6228, 30.3280, 18.3606** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.4389, 16.1310, 32.3331**, and the grayscale version is **27.7504, 29.1956, 31.7940**.

A 20% lighter version of the original color is **53.7477, 60.1080, 41.5701**, and **10.5778, 12.4152, 5.9765** is the 20% darker color. If you saturate the color by 10%, you get **25.7053, 29.9409, 14.4812**, and if you desaturate by 10%, it is **27.6858, 30.7756, 22.9916**.

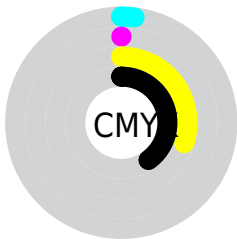
Distribution



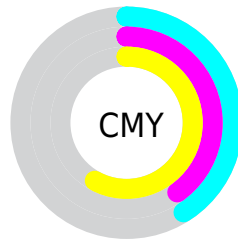
- Red (59%)
- Green (60%)
- Blue (42%)



- Red (42%)
- Yellow (60%)
- Blue (43%)



- Cyan (2%)
- Magenta (0%)
- Yellow (30%)
- Black (40%)



- Cyan (41%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6228, 30.3280, 18.3606 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 26.6228, 30.3280, 18.3606 by changing the saturation by 10% instead.

■ 26.6228, 30.3280,
18.3606

■ 26.6228, 30.3280,
18.3606

278.0271,
303.4304, 255.1998

■ 17.4253, 20.0877,
11.0371

■ 53.7022, 60.1805,
41.4730

■ 10.6353, 12.4588,
5.9773

■ 72.3147, 80.5615,
58.0990

■ 5.8877, 7.0569,
2.7627

■ 94.7962, 105.0915,
78.6629

■ 2.8169, 3.4977,
0.9748

■ 121.5122,
134.1549, 103.5832

■ 1.0577, 1.3968,
0.0000

152.8279,
168.1360, 133.2786

■ 0.0000, 0.2143,
0.0000

189.1087,

■ 0.0000, 0.0000,

207.4194, 168.1674

0.0000

230.7200,
252.3894, 208.6683

■ 26.6228, 30.3280,
18.3606

■ 26.6228, 30.3280,
18.3606

■ 25.7053, 29.9409,
14.4812

■ 27.6858, 30.7756,
22.9916

■ 24.9236, 29.6073,
11.3119

■ 28.8991, 31.2824,
28.4090

■ 24.2702, 29.3251,
8.8102

■ 30.2699, 31.8524,
34.6475

■ 23.7361, 29.0909,
6.9282

■ 31.8043, 32.4880,
41.7395

■ 23.3108, 28.9004,
5.6117

■ 33.5081, 33.1916,
49.7154

■ 22.9825, 28.7488,
4.7972

■ 35.3869, 33.9654,
58.6043

■ 22.7222, 28.6247,
4.3275

■ 37.4459, 34.8114,
68.4337

■ 39.6901, 35.7317,
79.2301

■ 42.1243, 36.7282,
91.0191

Harmonies

Analogous

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



29.9551, 30.3280, 17.7719



26.6228, 30.3280, 18.3606



24.0808, 30.3280, 22.4113

Triad

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



26.6228, 30.3280, 18.3606



24.8332, 30.3280, 49.6321



35.7739, 30.3280, 36.3188

Complementary

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



26.6228, 30.3280, 18.3606



17.4389, 16.1310, 32.3331

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.



34.1565, 30.3280, 46.5435



26.6228, 30.3280, 18.3606



27.7253, 30.3280, 55.1702

Square

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



26.6228, 30.3280, 18.3606



23.1054, 30.3280, 39.9321



31.1472, 30.3280, 53.9403



35.4201, 30.3280, 26.9590

Rectangle

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



26.6228, 30.3280, 18.3606



23.0919, 30.3280, 27.0668



31.1472, 30.3280, 53.9403



35.4381, 30.3280, 39.7924

Sweetspot

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



26.6236, 30.3294, 18.3612



51.9588, 56.1063, 51.8066



21.2924, 18.8360, 16.4238



11.4040, 12.3601, 11.1285



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.



26.6236, 30.3294, 18.3612



46.5566, 53.8401, 28.1183



22.9032, 28.4114, 18.1871



6.6691, 7.2024, 6.6445



18.7894, 23.6622, 3.5769



0.2912, 0.3591, 0.0540

Inverse Universe

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



17.4389, 16.1310, 32.3331



27.4359, 24.2773, 57.2119



20.5710, 17.7457, 32.4797



5.9200, 6.0446, 7.7837



4.8667, 1.9599, 25.0295



0.0815, 0.0338, 0.3746

Previews

White Background



This preview shows how the XYZ color 26.6228, 30.3280, 18.3606 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.6228, 30.3280, 18.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

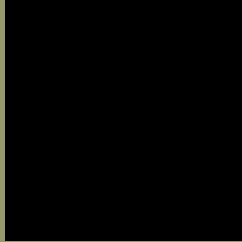
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.6228, 30.3280, 18.3606

Background



This preview shows how black text looks on a background with the XYZ color 26.6228, 30.3280, 18.3606.



This preview shows how white text looks on a background with the XYZ color 26.6228, 30.3280,

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

26.6228, 30.3280, 18.3606

Protanopia

27.9952, 30.0919, 17.6974

Deuteranopia

30.7142, 30.0962, 18.6583



Tritanopia

30.1607, 30.0943, 36.5669

Trichromacy



Original Color

26.6228, 30.3280, 18.3606

Protanomaly

27.4125, 30.0214, 17.9856

Deuteranomaly

29.0768, 30.1656, 18.4774

Tritanomaly

28.7341, 30.2290, 28.7464

Monochromacy



Original Color

26.6228, 30.3280, 18.3606

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.1250, 29.4567, 26.0859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6228, 30.3280, 18.3606 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(150, 153, 107)` looks like.

```
.text, #text, p{  
    color:rgb(150, 153, 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(150, 153, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 153, 107) }
```

Border

The CSS property to change the border of an element to XYZ 26.6228, 30.3280, 18.3606 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(150, 153, 107) }
```


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

```
.border{ border-color:rgb(150, 153, 107) }
```

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

Here you see how a box with a 4 pixel rgb(150, 153, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 153, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 153, 107);  
box-shadow:4px 4px 4px 4px rgb(150, 153,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6228, 30.3280, 18.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 153, 107) }
```

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

```
.background{ background-color: rgb(150,  
153, 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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