

Converting Colors

XYZ(26.7985, 28.6244, 18.8881)

Have a look what the booklet for
XYZ(26.7985, 28.6244, 18.8881)
contains.

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Color

**XYZ(26.6502, 28.4445,
18.8376)**

Conversions

Conversions Part 1

Format	Color
Hex	9C916E
RGB	156, 145, 110
RGB Percent	61%, 57%, 43%
CMY	0.3882, 0.4314, 0.5686
CMYK	0.00, 0.07, 0.29, 0.39
HSL	46°, 19%, 52%
HSV	46°, 29%, 61%
XYZ	26.6502, 28.4445, 18.8376
YIQ	144.2990, 17.7910, -8.5530

Conversions

Conversions Part 2

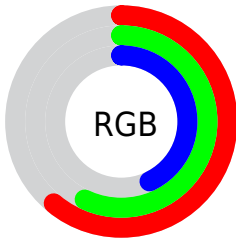
Format	Color
RYB	124, 156, 110
Decimal	10260846
CIELab	60.29, -1.57, 20.09
CIElCh	60, 20.150, 94.469
Yxy	28.4445, 0.3605, 0.3847
Android (android.graphics.Color)	4288450926 (0xFF9C916E)
YUV	144.2990, -16.9094, 10.2618
Hunter-Lab	53.3334, -4.1386, 16.3919

Details

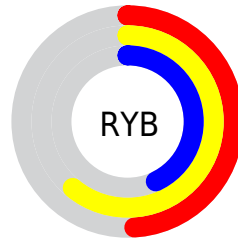
The XYZ color **26.6502, 28.4445, 18.8376** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.2685, 19.3896, 34.1797**, and the grayscale version is **26.6915, 28.0815, 30.5808**.

A 20% lighter version of the original color is **53.8090, 57.3044, 42.4072**, and **10.6706, 11.4753, 6.2100** is the 20% darker color. If you saturate the color by 10%, you get **25.3142, 27.0142, 14.5644**, and if you desaturate by 10%, it is **28.1559, 29.9746, 23.9058**.

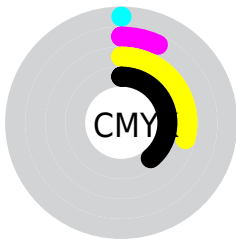
Distribution



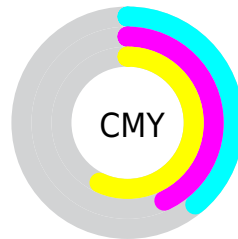
- Red (61%)
- Green (57%)
- Blue (43%)



- Red (49%)
- Yellow (61%)
- Blue (43%)



- Cyan (0%)
- Magenta (7%)
- Yellow (29%)
- Black (39%)



- Cyan (39%)
- Magenta (43%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6502, 28.4445, 18.8376 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 26.6502, 28.4445, 18.8376 by changing the saturation by 10% instead.

■ 26.6502, 28.4445,
18.8376

■ 26.6502, 28.4445,
18.8376

278.1580,
294.5848, 257.9435

■ 17.4459, 18.6610,
11.3774

■ 53.7459, 57.1933,
42.2925

■ 10.6502, 11.4256,
6.2039

■ 72.3680, 76.9274,
59.1243

■ 5.8977, 6.3539,
2.8987

■ 94.8601, 100.7472,
79.9170

■ 2.8230, 3.0614,
1.0431

■ 121.5876,
129.0371, 105.0892

■ 1.0609, 1.1639,
0.0000

152.9157,
162.1813, 135.0594

■ 0.0000, 0.0319,
0.0000

189.2100,

■ 0.0000, 0.0000,

200.5645, 170.2462

0.0000

230.8356,
244.5708, 211.0680

■ 26.6502, 28.4445,
18.8376

■ 26.6502, 28.4445,
18.8376

■ 25.3142, 27.0142,
14.5644

■ 28.1559, 29.9746,
23.9058

■ 24.1378, 25.6764,
11.0431

■ 29.8366, 31.6040,
29.8056

■ 23.1129, 24.4285,
8.2292

■ 31.6999, 33.3369,
36.5734

■ 22.2299, 23.2664,
6.0726

■ 33.7526, 35.1763,
44.2430

■ 21.4777, 22.1855,
4.5168

■ 36.0006, 37.1249,
52.8462

■ 20.8438, 21.1804,
3.4957

■ 38.4501, 39.1853,
62.4135

■ 20.2996, 20.2393,
2.8597

■ 41.1067, 41.3601,
72.9739

■ 20.2724, 20.1920,
2.8290

■ 43.9757, 43.6517,
84.5550

■ 47.0624, 46.0625,
97.1836

Harmonies

Analogous

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



29.2348, 28.4445, 19.8209



26.6502, 28.4445, 18.8376



24.3192, 28.4445, 20.6561

Triad

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



26.6502, 28.4445, 18.8376



23.1417, 28.4445, 39.7457



31.7730, 28.4445, 37.5199

Complementary

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



26.6502, 28.4445, 18.8376



19.2685, 19.3896, 34.1797

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.



29.9472, 28.4445, 44.2505



26.6502, 28.4445, 18.8376



24.9496, 28.4445, 45.6725

Square

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



26.6502, 28.4445, 18.8376



22.3772, 28.4445, 32.0937



27.4248, 28.4445, 47.4395



32.2995, 28.4445, 29.8752

Rectangle

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



26.6502, 28.4445, 18.8376



23.1893, 28.4445, 23.4139



27.4248, 28.4445, 47.4395



31.2854, 28.4445, 40.0014

Sweetspot

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



26.6509, 28.4458, 18.8382



54.2908, 57.4958, 54.4903



22.7685, 19.6129, 20.8364



11.8503, 12.5603, 11.6477



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



26.6509, 28.4458, 18.8382



46.8636, 50.0313, 29.2327



26.2923, 30.8774, 19.3264



7.0357, 7.4514, 7.0531



16.7258, 16.6872, 2.3394



0.3291, 0.3585, 0.0518

Inverse Universe

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



19.2685, 19.3896, 34.1797



31.3625, 31.0208, 61.4614



19.5324, 17.6537, 33.8307



6.4071, 6.6800, 8.3584



5.5187, 3.1290, 26.2203



0.1281, 0.1148, 0.4786

Previews

White Background



This preview shows how the XYZ color 26.6502, 28.4445, 18.8376 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 26.6502, 28.4445, 18.8376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

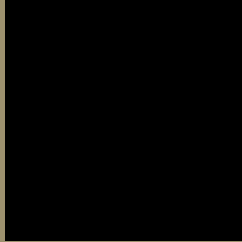
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6502, 28.4445, 18.8376

Background



This preview shows how black text looks on a background with the XYZ color 26.6502, 28.4445, 18.8376.



This preview shows how white text looks on a background with the XYZ color 26.6502, 28.4445,

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

26.6502, 28.4445, 18.8376

Protanopia

26.6502, 28.4445, 18.8376

Deuteranopia

28.8964, 28.2709, 18.9727



Tritanopia

29.6619, 28.5676, 33.2289

Trichromacy



Original Color

26.6502, 28.4445, 18.8376

Protanomaly

26.6502, 28.4445, 18.8376

Deuteranomaly

28.1200, 28.3044, 19.0201

Tritanomaly

28.4150, 28.4945, 27.2949

Monochromacy



Original Color

26.6502, 28.4445, 18.8376

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.3509, 27.9084, 25.8278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6502, 28.4445, 18.8376 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(156, 145, 110)` looks like.

```
.text, #text, p{  
    color:rgb(156, 145, 110)  
}
```

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(156, 145, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 145, 110) }
```

Border

The CSS property to change the border of an element to XYZ 26.6502, 28.4445, 18.8376 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(156, 145, 110) }
```


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

```
.border{ border-color:rgb(156, 145, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 145, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 145, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 145, 110);  
box-shadow:4px 4px 4px 4px rgb(156, 145,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6502, 28.4445, 18.8376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 145, 110) }
```

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

```
.background{ background-color: rgb(156,  
145, 110) }
```

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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