

Converting Colors

XYZ(26.6152, 28.7720, 18.8960)

Have a look what the booklet for
XYZ(26.6152, 28.7720, 18.8960)
contains.

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Color

**XYZ(26.7658, 28.9618,
18.9313)**

Conversions

Conversions Part 1

Format	Color
Hex	9B936E
RGB	155, 147, 110
RGB Percent	61%, 58%, 43%
CMY	0.3922, 0.4235, 0.5686
CMYK	0.00, 0.05, 0.29, 0.39
HSL	49°, 18%, 52%
HSV	49°, 29%, 61%
XYZ	26.7658, 28.9618, 18.9313
YIQ	145.1740, 16.6450, -9.8110

Conversions

Conversions Part 2

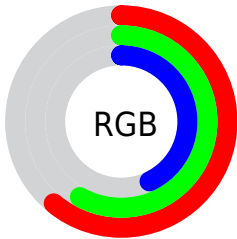
Format	Color
R_{YB}	120, 155, 110
Decimal	10195822
CIE Lab	60.75, -3.08, 20.70
CIE LCh	61, 20.925, 98.462
Yxy	28.9618, 0.3585, 0.3879
Android (android.graphics.Color)	4288385902 (0xFF9B936E)
YUV	145.1740, -17.3408, 8.6174
Hunter-Lab	53.8162, -5.4002, 16.8144

Details

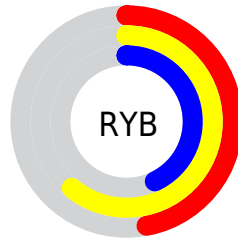
The XYZ color **26.7658, 28.9618, 18.9313** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.8252, 18.6380, 33.6158**, and the grayscale version is **27.0486, 28.4572, 30.9899**.

A 20% lighter version of the original color is **53.9866, 58.0836, 42.5483**, and **10.7377, 11.7808, 6.2654** is the 20% darker color. If you saturate the color by 10%, you get **25.5717, 27.8080, 14.7277**, and if you desaturate by 10%, it is **28.1193, 30.1978, 23.9171**.

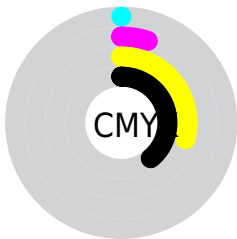
Distribution



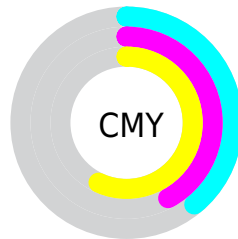
- Red (61%)
- Green (58%)
- Blue (43%)



- Red (47%)
- Yellow (61%)
- Blue (43%)



- Cyan (0%)
- Magenta (5%)
- Yellow (29%)
- Black (39%)



- Cyan (39%)
- Magenta (42%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7658, 28.9618, 18.9313 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 26.7658, 28.9618, 18.9313 by changing the saturation by 10% instead.

■ 26.7658, 28.9618,
18.9313

■ 26.7658, 28.9618,
18.9313

278.7096,
297.0347, 258.4793

■ 17.5331, 19.0519,
11.4443

■ 53.9304, 58.0164,
42.4531

■ 10.7129, 11.7078,
6.2486

■ 72.5929, 77.9299,
59.3251

■ 5.9400, 6.5450,
2.9256

■ 95.1295, 101.9467,
80.1624

■ 2.8490, 3.1792,
1.0568

■ 121.9054,
130.4513, 105.3838

■ 1.0744, 1.2260,
0.0000

153.2860,
163.8280, 135.4076

■ 0.0035, 0.0828,
0.0000

189.6367,

■ 0.0000, 0.0000,

202.4612, 170.6524

0.0000

231.3228,
246.7353, 211.5368

■ 26.7658, 28.9618,
18.9313

■ 26.7658, 28.9618,
18.9313

■ 25.5717, 27.8080,
14.7277

■ 28.1193, 30.1978,
23.9171

■ 24.5270, 26.7293,
11.2639

■ 29.6371, 31.5150,
29.7208

■ 23.6241, 25.7234,
8.4964

■ 31.3268, 32.9177,
36.3782

■ 22.8534, 24.7865,
6.3762

■ 33.1947, 34.4083,
43.9224

■ 22.2046, 23.9143,
4.8481

■ 35.2469, 35.9895,
52.3846

■ 21.6652, 23.1017,
3.8476

■ 37.4889, 37.6636,
61.7948

■ 21.2090, 22.3381,
3.2370

■ 39.9263, 39.4330,
72.1813

■ 21.1661, 22.2656,
3.1821

■ 42.5644, 41.2997,
83.5714

■ 45.4082, 43.2660,
95.9913

Harmonies

Analogous

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



29.4898, 28.9618, 19.5657



26.7658, 28.9618, 18.9313



24.4045, 28.9618, 21.2112

Triad

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



26.7658, 28.9618, 18.9313



23.6364, 28.9618, 41.7846



32.6776, 28.9618, 37.3515

Complementary

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



26.7658, 28.9618, 18.9313



18.8252, 18.6380, 33.6158

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.



30.9058, 28.9618, 44.7585



26.7658, 28.9618, 18.9313



25.6539, 28.9618, 47.5968

Square

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



26.7658, 28.9618, 18.9313



22.6772, 28.9618, 33.7875



28.3032, 28.9618, 48.7664



33.0240, 28.9618, 29.3839

Rectangle

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



26.7658, 28.9618, 18.9313



23.3111, 28.9618, 24.3389



28.3032, 28.9618, 48.7664



32.2236, 28.9618, 40.0245

Sweetspot

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



26.7665, 28.9631, 18.9319



53.0354, 56.4047, 53.0662



22.3787, 19.4347, 19.7897



11.9161, 12.6918, 11.6696



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.



26.7665, 28.9631, 18.9319



46.4819, 50.4782, 28.7457



25.4781, 30.2096, 19.2404



6.6155, 7.0361, 6.6153



17.0255, 17.9334, 2.5642



0.2762, 0.3114, 0.0455

Inverse Universe

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



18.8252, 18.6380, 33.6158



29.8403, 28.8459, 59.5313



19.8410, 17.8225, 33.4049



5.9689, 6.1951, 7.8101



5.0981, 2.5928, 25.1395



0.0956, 0.0776, 0.3823

Previews

White Background



This preview shows how the XYZ color 26.7658, 28.9618, 18.9313 looks on a white background.

Color Contrast Check

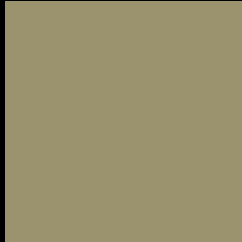
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7658, 28.9618, 18.9313 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 26.7658, 28.9618, 18.9313

Background



This preview shows how black text looks on a background with the XYZ color 26.7658, 28.9618, 18.9313.



This preview shows how white text looks on a background with the XYZ color 26.7658, 28.9618,

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

26.7658, 28.9618, 18.9313

Protanopia

26.9980, 28.8517, 18.8978

Deuteranopia

29.4074, 28.9681, 19.0804



Tritanopia

29.6896, 28.7903, 33.6980

Trichromacy



Original Color

26.7658, 28.9618, 18.9313

Protanomaly

26.8037, 28.7515, 18.8887

Deuteranomaly

28.4176, 28.8996, 19.1193

Tritanomaly

28.4384, 28.7202, 27.7116

Monochromacy



Original Color

26.7658, 28.9618, 18.9313

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.8382, 28.6133, 25.9382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7658, 28.9618, 18.9313 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(155, 147, 110)` looks like.

```
.text, #text, p{  
    color:rgb(155, 147, 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(155, 147, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 147, 110) }
```

Border

The CSS property to change the border of an element to XYZ 26.7658, 28.9618, 18.9313 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(155, 147, 110) }
```


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

```
.border{ border-color:rgb(155, 147, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 147, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 147, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 147, 110);  
box-shadow:4px 4px 4px 4px rgb(155, 147,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7658, 28.9618, 18.9313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 147, 110) }
```

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

```
.background{ background-color: rgb(155,  
147, 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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