

Converting Colors

XYZ(26.9578, 27.4924, 15.9936)

Have a look what the booklet for
XYZ(26.9578, 27.4924, 15.9936)
contains.

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Color

**XYZ(26.9882, 27.5688,
15.9555)**

Conversions

Conversions Part 1

Format	Color
Hex	A48C64
RGB	164, 140, 100
RGB Percent	64%, 55%, 39%
CMY	0.3569, 0.4510, 0.6078
CMYK	0.00, 0.15, 0.39, 0.36
HSL	38°, 26%, 52%
HSV	38°, 39%, 64%
XYZ	26.9882, 27.5688, 15.9555
YIQ	142.6160, 27.1440, -7.3520

Conversions

Conversions Part 2

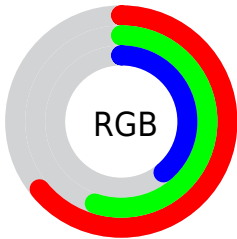
Format	Color
R_{YB}	138, 164, 100
Decimal	10783844
CIE _{Lab}	59.50, 3.22, 24.73
CIE _{LCh}	59, 24.934, 82.586
Yxy	27.5688, 0.3827, 0.3910
Android (android.graphics.Color)	4288973924 (0xFFA48C64)
YUV	142.6160, -21.0097, 18.7538
Hunter-Lab	52.5060, -0.1361, 18.7372

Details

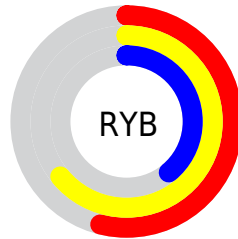
The XYZ color **26.9882, 27.5688, 15.9555** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.1638, 19.8043, 37.9346**, and the grayscale version is **26.0294, 27.3850, 29.8223**.

A 20% lighter version of the original color is **54.1711, 55.5899, 37.1530**, and **10.8543, 10.9489, 4.9094** is the 20% darker color. If you saturate the color by 10%, you get **25.3996, 25.5366, 11.8963**, and if you desaturate by 10%, it is **28.7882, 29.7679, 20.8742**.

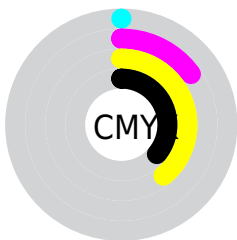
Distribution



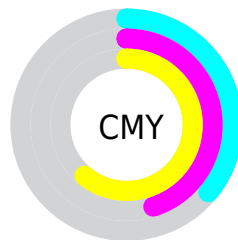
- Red (64%)
- Green (55%)
- Blue (39%)



- Red (54%)
- Yellow (64%)
- Blue (39%)



- Cyan (0%)
- Magenta (15%)
- Yellow (39%)
- Black (36%)



- Cyan (36%)
- Magenta (45%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9882, 27.5688, 15.9555 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 26.9882, 27.5688, 15.9555 by changing the saturation by 10% instead.

■ 26.9882, 27.5688,
15.9555

■ 26.9882, 27.5688,
15.9555

279.7686,
290.4007, 240.9157

■ 17.7009, 18.0009,
9.3387

■ 54.2850, 55.7953,
37.2866

■ 10.8338, 10.9506,
4.8629

■ 73.0251, 75.2226,
52.8380

■ 6.0217, 6.0336,
2.1097

■ 95.6470, 98.7052,
72.2047

■ 2.8991, 2.8655,
0.6215

■ 122.5158,
126.6274, 95.8051

■ 1.1006, 1.0619,
0.0000

153.9970,
159.3737, 124.0579

■ 0.0256, 0.0000,
0.0000

190.4560,

■ 0.0000, 0.0000,

197.3284, 157.3816

0.0000

232.2581,
240.8759, 196.1947

■ 26.9882, 27.5688,
15.9555

■ 26.9882, 27.5688,
15.9555

■ 25.3996, 25.5366,
11.8963

■ 28.7882, 29.7679,
20.8742

■ 24.0099, 23.6620,
8.6437

■ 30.8072, 32.1353,
26.6975

■ 22.8083, 21.9404,
6.1419

■ 33.0548, 34.6769,
33.4693

■ 21.7818, 20.3651,
4.3268

■ 35.5395, 37.3975,
41.2303

■ 20.9154, 18.9288,
3.1236

■ 38.2691, 40.3013,
50.0187

■ 20.1798, 17.6184,
2.3831

■ 41.2514, 43.3925,
59.8706

■ 20.1115, 17.4957,
2.3170

■ 44.4934, 46.6752,
70.8205

■ 48.0021, 50.1533,
82.9012

■ 51.7840, 53.8304,
96.1442

Harmonies

Analogous

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



30.0358, 27.5688, 18.2954



26.9882, 27.5688, 15.9555



23.9574, 27.5688, 16.7416

Triad

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



26.9882, 27.5688, 15.9555



21.0262, 27.5688, 37.1424



31.2844, 27.5688, 41.7652

Complementary

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



26.9882, 27.5688, 15.9555



19.1638, 19.8043, 37.9346

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.



28.5854, 27.5688, 48.9276



26.9882, 27.5688, 15.9555



22.7116, 27.5688, 45.9092

Square

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



26.9882, 27.5688, 15.9555



20.6728, 27.5688, 27.8465



25.4338, 27.5688, 50.5785



32.6415, 27.5688, 32.2990

Rectangle

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



26.9882, 27.5688, 15.9555



22.3351, 27.5688, 19.0243



25.4338, 27.5688, 50.5785



30.4942, 27.5688, 44.5935

Sweetspot

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



26.9889, 27.5701, 15.9561



58.6475, 61.4321, 56.6243



23.5391, 18.4759, 21.5720



12.7121, 13.3070, 12.0480



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.9889, 27.5701, 15.9561



46.4147, 46.7591, 22.3576



29.3896, 34.5923, 17.1850



7.4252, 7.7888, 7.4921



15.4673, 13.5085, 1.7922



0.3681, 0.3701, 0.0520

Inverse Universe

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



19.1638, 19.8043, 37.9346



30.1517, 30.6321, 68.0758



17.3780, 14.9499, 37.0917



6.9079, 7.2748, 8.9432



6.4803, 4.7400, 27.5032



0.1806, 0.1885, 0.5927

Previews

White Background



This preview shows how the XYZ color 26.9882, 27.5688, 15.9555 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 26.9882, 27.5688, 15.9555 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 26.9882, 27.5688, 15.9555

Background



This preview shows how black text looks on a background with the XYZ color 26.9882, 27.5688, 15.9555.



This preview shows how white text looks on a background with the XYZ color 26.9882, 27.5688,

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

26.9882, 27.5688, 15.9555

Protanopia

25.6890, 27.5531, 16.2762

Deuteranopia

28.0892, 27.4888, 16.1373



Tritanopia

29.9981, 27.5295, 30.5207

Trichromacy



Original Color

26.9882, 27.5688, 15.9555

Protanomaly

26.1225, 27.5547, 16.2537

Deuteranomaly

27.5859, 27.4414, 16.1547

Tritanomaly

28.7030, 27.4088, 24.5465

Monochromacy



Original Color

26.9882, 27.5688, 15.9555

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.2663, 27.4576, 23.9941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9882, 27.5688, 15.9555 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(164, 140, 100)` looks like.

```
.text, #text, p{  
    color:rgb(164, 140, 100)  
}
```

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(164, 140, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 140, 100) }
```

Border

The CSS property to change the border of an element to XYZ 26.9882, 27.5688, 15.9555 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(164, 140, 100) }
```


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

```
.border{ border-color:rgb(164, 140, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 140, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 140, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 140, 100);  
box-shadow:4px 4px 4px 4px rgb(164, 140,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9882, 27.5688, 15.9555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 140, 100) }
```

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

```
.background{ background-color: rgb(164,  
140, 100) }
```

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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