

Converting Colors

XYZ(27.4659, 26.0540, 9.8547)

Have a look what the booklet for
XYZ(27.4659, 26.0540, 9.8547)
contains.

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Color

**XYZ(27.4504, 26.0608,
9.8868)**

Conversions

Conversions Part 1

Format	Color
Hex	B18349
RGB	177, 131, 73
RGB Percent	69%, 51%, 29%
CMY	0.3059, 0.4863, 0.7137
CMYK	0.00, 0.26, 0.59, 0.31
HSL	33°, 42%, 49%
HSV	33°, 59%, 69%
XYZ	27.4504, 26.0608, 9.8868
YIQ	138.1420, 46.0340, -8.2860

Conversions

Conversions Part 2

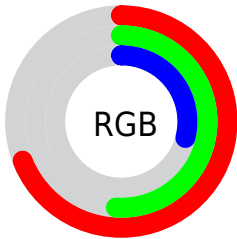
Format	Color
R_{YB}	155, 177, 73
Decimal	11633481
CIE _{Lab}	58.09, 11.13, 37.86
CIE _{LCh}	58, 39.458, 73.619
Yxy	26.0608, 0.4330, 0.4111
Android (android.graphics.Color)	4289823561 (0xFFB18349)
YUV	138.1420, -32.1150, 34.0785
Hunter-Lab	51.0498, 6.6456, 24.2522

Details

The XYZ color **27.4504, 26.0608, 9.8868** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.2800, 17.7837, 44.1167**, and the grayscale version is **24.3188, 25.5853, 27.8624**.

A 20% lighter version of the original color is **54.9766, 53.3732, 26.1434**, and **11.0779, 10.1697, 2.2988** is the 20% darker color. If you saturate the color by 10%, you get **25.9332, 23.8357, 6.8864**, and if you desaturate by 10%, it is **29.2153, 28.5142, 13.7942**.

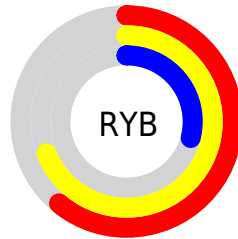
Distribution



Red (69%)

Green (51%)

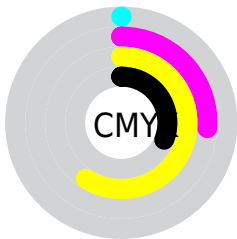
Blue (29%)



Red (61%)

Yellow (69%)

Blue (29%)

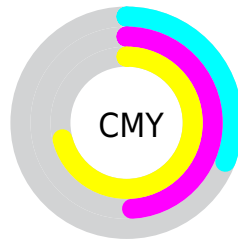


Cyan (0%)

Magenta (26%)

Yellow (59%)

Black (31%)



Cyan (31%)


Magenta (49%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4504, 26.0608, 9.8868 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 27.4504, 26.0608, 9.8868 by changing the saturation by 10% instead.


 27.4504, 26.0608,
9.8868

 27.4504, 26.0608,
9.8868


281.9593,
283.0804, 200.3176


 18.0501, 16.8691,
5.2193


 55.0206, 53.3730,
26.1868


 11.0859, 10.1412,
2.3155


 73.9212, 72.2624,
38.6565

 6.1923, 5.4927,
0.7399


 96.7192, 95.1530,
54.5640

 3.0042, 2.5391,
0.0000

 123.7802,
122.4295, 74.3278

 1.1560, 0.8962,
0.0000

 155.4693,
154.4760, 98.3666

 0.0712, 0.0000,
0.0000

192.1519,

 0.0000, 0.0000,

191.6771, 127.0988

0.0000

234.1935,
234.4171, 160.9429

■ 27.4504, 26.0608,
9.8868

■ 27.4504, 26.0608,
9.8868

■ 25.9332, 23.8357,
6.8864

■ 29.2153, 28.5142,
13.7942

■ 24.6454, 21.8256,
4.7140

■ 31.2407, 31.2006,
18.6755

■ 23.5689, 20.0215,
3.2796

■ 33.5404, 34.1291,
24.5929

■ 22.6712, 18.4074,
2.4213

■ 36.1266, 37.3072,
31.6031

■ 22.5666, 18.2176,
2.3269

■ 39.0108, 40.7420,
39.7585

■ 42.2036, 44.4402,
49.1083

■ 45.7153, 48.4081,
59.6985

■ 49.5555, 52.6519,
71.5729

■ 53.7333, 57.1775,
84.7730

Harmonies

Analogous

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



32.0285, 26.0608, 13.8276



27.4504, 26.0608, 9.8868



22.6705, 26.0608, 9.7253

Triad

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



27.4504, 26.0608, 9.8868



16.8759, 26.0608, 35.0282



31.6586, 26.0608, 51.9837

Complementary

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



27.4504, 26.0608, 9.8868



17.2800, 17.7837, 44.1167

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.



26.9953, 26.0608, 62.3677



27.4504, 26.0608, 9.8868



18.7004, 26.0608, 50.6538

Square

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



27.4504, 26.0608, 9.8868



16.9647, 26.0608, 21.5878



22.2700, 26.0608, 61.8150



34.6634, 26.0608, 36.4555

Rectangle

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



27.4504, 26.0608, 9.8868



20.0267, 26.0608, 11.6294



22.2700, 26.0608, 61.8150



30.2088, 26.0608, 56.3852

Sweetspot

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



27.4510, 26.0621, 9.8873



64.9219, 67.0823, 57.2108



23.8921, 15.4636, 19.4315



13.7705, 14.1750, 11.5730



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.4510, 26.0621, 9.8873



45.6034, 41.4017, 10.8282



33.8941, 40.6732, 12.3680



8.8763, 9.2650, 8.9730



16.4117, 13.3219, 1.7064



0.5734, 0.5332, 0.0727

Inverse Universe

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



17.2800, 17.7837, 44.1167



25.6748, 25.2181, 78.0097



13.4769, 9.5679, 42.7313



8.3410, 8.8281, 10.7707



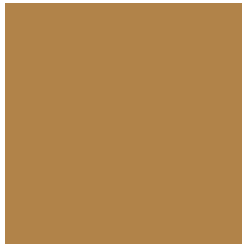
7.7968, 6.3939, 30.9602



0.3038, 0.3181, 0.9936

Previews

White Background



This preview shows how the XYZ color 27.4504, 26.0608, 9.8868 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 27.4504, 26.0608, 9.8868 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 27.4504, 26.0608, 9.8868

Background



This preview shows how black text looks on a background with the XYZ color 27.4504, 26.0608, 9.8868.



This preview shows how white text looks on a background with the XYZ color 27.4504, 26.0608,

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

27.4504, 26.0608, 9.8868

Protanopia

24.0090, 26.1480, 10.6191

Deuteranopia

26.5705, 26.0136, 9.7516



Tritanopia

30.7327, 26.0538, 25.5994

Trichromacy



Original Color

27.4504, 26.0608, 9.8868

Protanomaly

25.1160, 26.0807, 10.3669

Deuteranomaly

26.8765, 25.9691, 9.7269

Tritanomaly

29.2810, 26.0297, 18.5199

Monochromacy



Original Color

27.4504, 26.0608, 9.8868

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.6501, 25.2183, 19.4880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4504, 26.0608, 9.8868 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(177, 131, 73)` looks like.

```
.text, #text, p{  
    color:rgb(177, 131, 73)  
}
```

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(177, 131, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 131, 73) }
```

Border

The CSS property to change the border of an element to XYZ 27.4504, 26.0608, 9.8868 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(177, 131, 73) }
```


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

```
.border{ border-color:rgb(177, 131, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 131, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 131, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 131, 73);  
box-shadow:4px 4px 4px 4px rgb(177, 131,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4504, 26.0608, 9.8868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 131, 73) }
```

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

```
.background{ background-color: rgb(177,  
131, 73) }
```

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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