

Converting Colors

XYZ(26.4062, 27.2802, 10.3571)

Have a look what the booklet for
XYZ(26.4062, 27.2802, 10.3571)
contains.

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Color

**XYZ(26.4050, 27.1751,
10.3322)**

Conversions

Conversions Part 1

Format	Color
Hex	A78B4A
RGB	167, 139, 74
RGB Percent	65%, 55%, 29%
CMY	0.3451, 0.4549, 0.7098
CMYK	0.00, 0.17, 0.56, 0.35
HSL	42°, 39%, 47%
HSV	42°, 56%, 65%
XYZ	26.4050, 27.1751, 10.3322
YIQ	139.9620, 37.5530, -14.2790

Conversions

Conversions Part 2

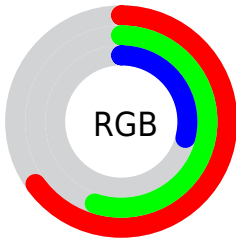
Format	Color
RYB	114, 167, 74
Decimal	10980170
CIELab	59.14, 2.39, 38.32
CIELCh	59, 38.396, 86.432
Yxy	27.1751, 0.4131, 0.4252
Android (android.graphics.Color)	4289170250 (0xFFA78B4A)
YUV	139.9620, -32.5193, 23.7123
Hunter-Lab	52.1297, -0.8124, 24.7394

Details

The XYZ color **26.4050, 27.1751, 10.3322** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **14.5503, 13.7482, 38.4459**, and the grayscale version is **25.0252, 26.3284, 28.6717**.

A 20% lighter version of the original color is **53.2282, 55.0018, 26.8798**, and **10.4409, 10.6641, 2.4854** is the 20% darker color. If you saturate the color by 10%, you get **25.2043, 25.5578, 7.5152**, and if you desaturate by 10%, it is **27.7898, 28.9217, 13.9480**.

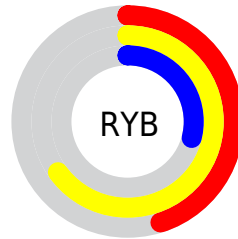
Distribution



Red (65%)

Green (55%)

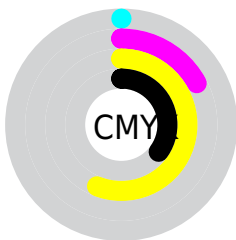
Blue (29%)



Red (45%)

Yellow (65%)

Blue (29%)

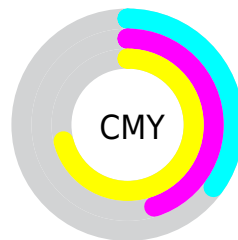


Cyan (0%)

Magenta (17%)

Yellow (56%)

Black (35%)



Cyan (35%)

Magenta (45%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4050, 27.1751, 10.3322 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 26.4050, 27.1751, 10.3322 by changing the saturation by 10% instead.

■ 26.4050, 27.1751,
10.3322

■ 26.4050, 27.1751,
10.3322

276.9850,
288.5039, 203.5971

■ 17.2611, 17.7048,
5.5113

■ 53.3543, 55.1647,
27.0360

■ 10.5173, 10.7382,
2.4863

■ 71.8903, 74.4528,
39.7560

■ 5.8082, 5.8911,
0.8329

■ 94.2879, 97.7823,
55.9461

■ 2.7683, 2.7790,
0.0000

■ 120.9123,
125.5375, 76.0248

■ 1.0325, 1.0175,
0.0000

■ 152.1288,
158.1029, 100.4108

■ 0.0000, 0.0000,
0.0000

188.3029,

195.8628, 129.5224

229.7998,
239.2017, 163.7783

■ 26.4050, 27.1751,
10.3322

■ 26.4050, 27.1751,
10.3322

■ 25.2043, 25.5578,
7.5152

■ 27.7898, 28.9217,
13.9480

■ 24.1733, 24.0601,
5.4316

■ 29.3681, 30.7990,
18.4180

■ 23.2981, 22.6769,
4.0080

■ 31.1507, 32.8129,
23.7943

■ 22.5601, 21.4000,
3.1484

■ 33.1469, 34.9679,
30.1245

■ 22.2659, 20.8746,
2.8557

■ 35.3657, 37.2682,
37.4529

■ 37.8152, 39.7178,
45.8208

■ 40.5032, 42.3203,
55.2674

■ 43.4372, 45.0794,
65.8297

■ 46.6242, 47.9985,
77.5430

Harmonies

Analogous

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



31.2488, 27.1751, 12.6352



26.4050, 27.1751, 10.3322



21.9518, 27.1751, 11.7294

Triad

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



26.4050, 27.1751, 10.3322



18.4453, 27.1751, 42.9136



34.2647, 27.1751, 46.6504

Complementary

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



26.4050, 27.1751, 10.3322



14.5503, 13.7482, 38.4459

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.



30.1380, 27.1751, 59.9542



26.4050, 27.1751, 10.3322



21.0754, 27.1751, 57.3707

Square

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



26.4050, 27.1751, 10.3322



17.7025, 27.1751, 27.9819



25.2617, 27.1751, 64.3813



36.1256, 27.1751, 31.2566

Rectangle

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



26.4050, 27.1751, 10.3322



19.7283, 27.1751, 14.9081



25.2617, 27.1751, 64.3813



33.0735, 27.1751, 51.6782

Sweetspot

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



26.4056, 27.1764, 10.3327



58.7583, 61.9827, 51.9949



20.8561, 14.1016, 14.5737



12.9919, 13.7027, 11.1320



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.4056, 27.1764, 10.3327



44.6453, 45.0750, 12.3977



27.6233, 34.6111, 11.7036



7.9534, 8.3868, 7.9889



17.0825, 16.0623, 2.2000



0.4572, 0.4740, 0.0674

Inverse Universe

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



14.5503, 13.7482, 38.4459



21.2879, 18.6736, 67.9577



13.7434, 9.9146, 37.7485



7.3091, 7.6551, 9.5107



6.2577, 3.9755, 28.4130



0.1965, 0.1853, 0.7060

Previews

White Background



This preview shows how the XYZ color 26.4050, 27.1751, 10.3322 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 26.4050, 27.1751, 10.3322 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 26.4050, 27.1751, 10.3322

Background



This preview shows how black text looks on a background with the XYZ color 26.4050, 27.1751, 10.3322.



This preview shows how white text looks on a background with the XYZ color 26.4050, 27.1751,

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

26.4050, 27.1751, 10.3322

Protanopia

24.9971, 27.3210, 10.6126

Deuteranopia

27.7534, 27.2303, 10.4498



Tritanopia

30.1576, 27.0399, 28.8291

Trichromacy



Original Color

26.4050, 27.1751, 10.3322

Protanomaly

25.6409, 27.4311, 10.5999

Deuteranomaly

27.2289, 27.1700, 10.4658

Tritanomaly

28.5306, 26.9925, 20.5360

Monochromacy



Original Color

26.4050, 27.1751, 10.3322

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.1081, 26.5012, 20.3149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4050, 27.1751, 10.3322 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(167, 139, 74)` looks like.

```
.text, #text, p{  
    color:rgb(167, 139, 74)  
}
```

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(167, 139, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 139, 74) }
```

Border

The CSS property to change the border of an element to XYZ 26.4050, 27.1751, 10.3322 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(167, 139, 74) }
```


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

```
.border{ border-color:rgb(167, 139, 74) }
```

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

Here you see how a box with a 4 pixel rgb(167, 139, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 139, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 139, 74);  
box-shadow:4px 4px 4px 4px rgb(167, 139,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4050, 27.1751, 10.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 139, 74) }
```

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

```
.background{ background-color: rgb(167,  
139, 74) }
```

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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