

Converting Colors

XYZ(26.4950, 26.9696, 17.9431)

Have a look what the booklet for
XYZ(26.4950, 26.9696, 17.9431)
contains.

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Color

**XYZ(26.6373, 27.1250,
18.0191)**

Conversions

Conversions Part 1

Format	Color
Hex	A18B6C
RGB	161, 139, 108
RGB Percent	63%, 55%, 42%
CMY	0.3686, 0.4549, 0.5765
CMYK	0.00, 0.14, 0.33, 0.37
HSL	35°, 22%, 53%
HSV	35°, 33%, 63%
XYZ	26.6373, 27.1250, 18.0191
YIQ	142.0440, 23.0630, -4.9770

Conversions

Conversions Part 2

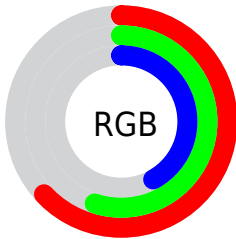
Format	Color
R_{YB}	146, 161, 108
Decimal	10586988
CIE Lab	59.09, 3.54, 19.66
CIE LCh	59, 19.977, 79.786
Yxy	27.1250, 0.3711, 0.3779
Android (android.graphics.Color)	4288777068 (0xFFA18B6C)
YUV	142.0440, -16.7837, 16.6244
Hunter-Lab	52.0817, 0.1514, 15.9441

Details

The XYZ color **26.6373, 27.1250, 18.0191** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.5998, 21.7259, 36.8260**, and the grayscale version is **25.7871, 27.1300, 29.5446**.

A 20% lighter version of the original color is **53.8101, 54.9891, 41.0356**, and **10.5723, 10.6591, 5.7752** is the 20% darker color. If you saturate the color by 10%, you get **24.9204, 24.9381, 13.6027**, and if you desaturate by 10%, it is **28.5730, 29.4960, 23.2897**.

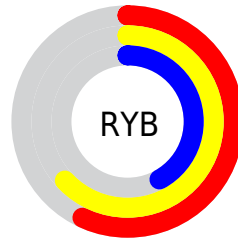
Distribution



Red (63%)

Green (55%)

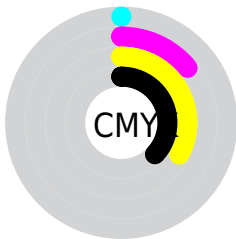
Blue (42%)



Red (57%)

Yellow (63%)

Blue (42%)

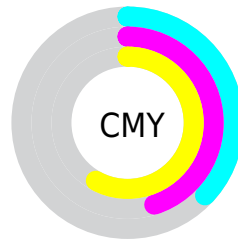


Cyan (0%)

Magenta (14%)

Yellow (33%)

Black (37%)



Cyan (37%)


Magenta (45%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6373, 27.1250, 18.0191 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 26.6373, 27.1250, 18.0191 by changing the saturation by 10% instead.


 26.6373, 27.1250,
18.0191


 26.6373, 27.1250,
18.0191


278.0964,
288.2618, 253.2184


 17.4362, 17.6671,
10.7941


 53.7253, 55.0844,
40.8842


 10.6432, 10.7113,
5.8161


 72.3429, 74.3547,
57.3615

 5.8930, 5.8730,
2.6666

 94.8301, 97.6646,
77.7599

 2.8201, 2.7680,
0.9266

 121.5521,
125.3985, 102.4980

 1.0594, 1.0119,
0.0000

152.8744,
157.9407, 131.9944

 0.0000, 0.0000,
0.0000

189.1623,

195.6758, 166.6676

230.7812,
238.9880, 206.9360

■ 26.6373, 27.1250,
18.0191

■ 26.6373, 27.1250,
18.0191

■ 24.9204, 24.9381,
13.6027

■ 28.5730, 29.4960,
23.2897

■ 23.4105, 22.9260,
9.9926

■ 30.7345, 32.0526,
29.4557

■ 22.0975, 21.0839,
7.1386

■ 33.1309, 34.8010,
36.5575

■ 20.9698, 19.4054,
4.9842

■ 35.7704, 37.7461,
44.6325

■ 20.0140, 17.8833,
3.4646

■ 38.6606, 40.8923,
53.7162

■ 19.2143, 16.5093,
2.5029

■ 41.8085, 44.2441,
63.8420

■ 18.7167, 15.6147,
2.0275

■ 45.2213, 47.8057,
75.0422

■ 48.9056, 51.5812,
87.3472

■ 52.8678, 55.5745,
100.7866

Harmonies

Analogous

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



28.9881, 27.1250, 20.2760



26.6373, 27.1250, 18.0191



24.1990, 27.1250, 18.4472

Triad

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



26.6373, 27.1250, 18.0191



21.5453, 27.1250, 34.4086



29.6015, 27.1250, 39.2703

Complementary

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



26.6373, 27.1250, 18.0191



20.5998, 21.7259, 36.8260

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.



27.4315, 27.1250, 44.3576



26.6373, 27.1250, 18.0191



22.8205, 27.1250, 41.2535

Square

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



26.6373, 27.1250, 18.0191



21.3629, 27.1250, 27.1759



24.9442, 27.1250, 45.1366



30.7709, 27.1250, 32.0258

Rectangle

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



26.6373, 27.1250, 18.0191



22.8457, 27.1250, 20.2250



24.9442, 27.1250, 45.1366



28.9587, 27.1250, 41.3355

Sweetspot

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



26.6380, 27.1263, 18.0197



56.1725, 58.7132, 56.0566



24.0955, 19.9164, 23.7230



12.1993, 12.7377, 11.9418



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.6380, 27.1263, 18.0197



45.2649, 45.4843, 25.9501



29.2752, 33.6987, 19.1493



7.4018, 7.7420, 7.4843



14.9894, 12.5527, 1.6329



0.3600, 0.3539, 0.0493

Inverse Universe

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



20.5998, 21.7259, 36.8260



32.6465, 34.2046, 65.2680



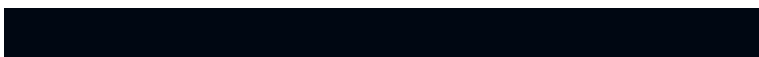
18.5311, 16.7708, 35.9786



6.9307, 7.3204, 8.9508



6.7707, 5.3209, 27.6000



0.1884, 0.2040, 0.5953

Previews

White Background



This preview shows how the XYZ color 26.6373, 27.1250, 18.0191 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 26.6373, 27.1250, 18.0191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

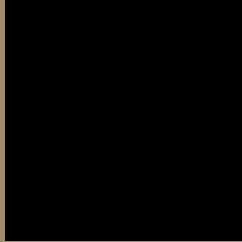
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6373, 27.1250, 18.0191

Background



This preview shows how black text looks on a background with the XYZ color 26.6373, 27.1250, 18.0191.



This preview shows how white text looks on a background with the XYZ color 26.6373, 27.1250,

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

26.6373, 27.1250, 18.0191

Protanopia

25.3822, 27.1255, 18.3660

Deuteranopia

27.5888, 27.1895, 17.9814



Tritanopia

29.0762, 27.0631, 30.0768

Trichromacy



Original Color

26.6373, 27.1250, 18.0191

Protanomaly

25.8028, 27.1224, 18.3432

Deuteranomaly

27.3123, 27.2590, 18.0094

Tritanomaly

28.2107, 27.1395, 25.2243

Monochromacy



Original Color

26.6373, 27.1250, 18.0191

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.9486, 27.0510, 24.9728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6373, 27.1250, 18.0191 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(161, 139, 108)` looks like.

```
.text, #text, p{  
    color:rgb(161, 139, 108)  
}
```

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(161, 139, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 139, 108) }
```

Border

The CSS property to change the border of an element to XYZ 26.6373, 27.1250, 18.0191 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(161, 139, 108) }
```


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

```
.border{ border-color:rgb(161, 139, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 139, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 139, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 139, 108);  
box-shadow:4px 4px 4px 4px rgb(161, 139,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6373, 27.1250, 18.0191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 139, 108) }
```

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

```
.background{ background-color: rgb(161,  
139, 108) }
```

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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