

Converting Colors

XYZ(22.6803, 26.9086, 18.4666)

Have a look what the booklet for
XYZ(22.6803, 26.9086, 18.4666)
contains.

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Color

**XYZ(22.7098, 26.8771,
18.4589)**

Conversions

Conversions Part 1

Format	Color
Hex	84936D
RGB	132, 147, 109
RGB Percent	52%, 58%, 43%
CMY	0.4823, 0.4235, 0.5725
CMYK	0.10, 0.00, 0.26, 0.42
HSL	84°, 15%, 50%
HSV	84°, 26%, 58%
XYZ	22.7098, 26.8771, 18.4589
YIQ	138.1830, 3.2580, -14.9980

Conversions

Conversions Part 2

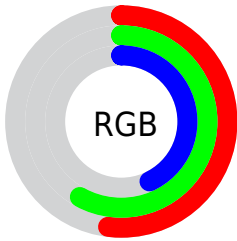
Format	Color
R_{YB}	109, 147, 124
Decimal	8688493
CIE _{Lab}	58.86, -12.41, 18.38
CIE _{LCh}	59, 22.178, 124.034
Yxy	26.8771, 0.3337, 0.3950
Android (android.graphics.Color)	4286878573 (0xFF84936D)
YUV	138.1830, -14.3872, -5.4225
Hunter-Lab	51.8431, -12.5338, 15.1798

Details

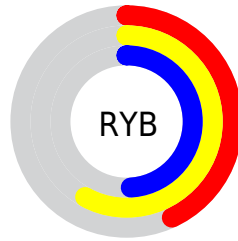
The XYZ color **22.7098, 26.8771, 18.4589** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.0483, 17.3297, 29.9462**, and the grayscale version is **24.2803, 25.5448, 27.8183**.

A 20% lighter version of the original color is **47.3273, 54.6608, 41.7744**, and **8.5049, 10.4965, 5.9927** is the 20% darker color. If you saturate the color by 10%, you get **21.1015, 26.1327, 14.5926**, and if you desaturate by 10%, it is **24.5024, 27.7028, 23.0258**.

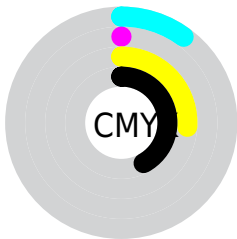
Distribution



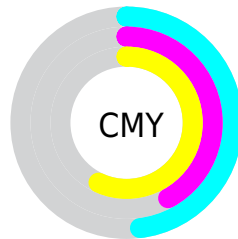
- Red (52%)
- Green (58%)
- Blue (43%)



- Red (43%)
- Yellow (58%)
- Blue (49%)



- Cyan (10%)
- Magenta (0%)
- Yellow (26%)
- Black (42%)



- Cyan (48%)
- Magenta (42%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7098, 26.8771, 18.4589 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 22.7098, 26.8771, 18.4589 by changing the saturation by 10% instead.

■ 22.7098, 26.8771,
18.4589

■ 22.7098, 26.8771,
18.4589

258.7942,
287.0616, 255.7675

■ 14.4989, 17.4809,
11.1071

■ 47.3866, 54.6866,
41.6422

■ 8.5525, 10.5780,
6.0239

■ 64.5831, 73.8687,
58.3108

■ 4.5052, 5.7838,
2.7906

■ 85.5056, 97.0816,
78.9220

■ 1.9917, 2.7141,
0.9887

■ 110.5193,
124.7097, 103.8945

■ 0.6293, 0.9844,
0.0000

139.9897,
157.1373, 133.6468

■ 0.0000, 0.0000,
0.0000

174.2821,

194.7489, 168.5973

213.7618,
237.9289, 209.1647

■ 22.7098, 26.8771,
18.4589

■ 22.7098, 26.8771,
18.4589

■ 21.1015, 26.1327,
14.5926

■ 24.5024, 27.7028,
23.0258

■ 19.6680, 25.4631,
11.3906

■ 26.4841, 28.6092,
28.3240

■ 18.4020, 24.8661,
8.8157

■ 28.6621, 29.6001,
34.3842

■ 17.2948, 24.3382,
6.8265

■ 31.0426, 30.6782,
41.2349

■ 16.3367, 23.8754,
5.3767

■ 33.6315, 31.8457,
48.9034

■ 15.5167, 23.4732,
4.4127

■ 36.4344, 33.1052,
57.4154

■ 14.8192, 23.1252,
3.8577

■ 39.4567, 34.4587,
66.7955

■ 14.5510, 22.9908,
3.6707

■ 42.7035, 35.9085,
77.0674

■ 46.1799, 37.4567,
88.2538

Harmonies

Analogous

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



25.1771, 26.8771, 16.6485



22.7098, 26.8771, 18.4589



21.0969, 26.8771, 23.1441

Triad

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



22.7098, 26.8771, 18.4589



23.3083, 26.8771, 45.0301



31.1686, 26.8771, 28.2162

Complementary

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



22.7098, 26.8771, 18.4589



19.0483, 17.3297, 29.9462

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.



30.5801, 26.8771, 36.3790



22.7098, 26.8771, 18.4589



25.9182, 26.8771, 47.0391

Square

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



22.7098, 26.8771, 18.4589



21.4247, 26.8771, 38.5455



28.6088, 26.8771, 43.6305



30.1643, 26.8771, 21.6076

Rectangle

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



22.7098, 26.8771, 18.4589



20.6570, 26.8771, 27.7244



28.6088, 26.8771, 43.6305



31.1510, 26.8771, 30.8608

Sweetspot

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



22.7105, 26.8783, 18.4595



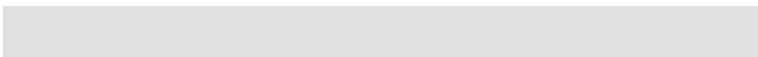
46.5751, 50.8437, 48.4074



21.9474, 21.6150, 17.4838



10.5161, 11.5535, 10.7377



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



22.7105, 26.8783, 18.4595



38.9629, 47.3434, 28.9010



20.0608, 25.5123, 18.3355



6.0460, 6.6316, 6.2018



12.6426, 19.9454, 3.1835



0.1880, 0.2613, 0.0405

Inverse Universe

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



19.0483, 17.3297, 29.9462



31.2661, 27.2700, 53.0503



21.9889, 18.8456, 30.0838



5.7032, 5.7380, 7.2767



6.1066, 2.6206, 24.1150



0.1063, 0.0483, 0.2966

Previews

White Background



This preview shows how the XYZ color 22.7098, 26.8771, 18.4589 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 22.7098, 26.8771, 18.4589 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

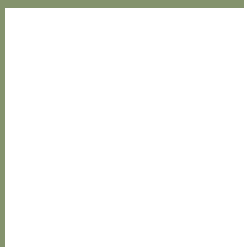
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.7098, 26.8771, 18.4589

Background



This preview shows how black text looks on a background with the XYZ color 22.7098, 26.8771, 18.4589.



This preview shows how white text looks on a background with the XYZ color 22.7098, 26.8771,

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

22.7098, 26.8771, 18.4589

Protanopia

24.8889, 26.6697, 17.4716

Deuteranopia

27.1905, 26.7553, 18.7701



Tritanopia

25.6736, 26.7200, 33.5101

Trichromacy



Original Color

22.7098, 26.8771, 18.4589

Protanomaly

23.9779, 26.6358, 17.7874

Deuteranomaly

25.3294, 26.6543, 18.5616

Tritanomaly

24.4197, 26.6567, 27.1508

Monochromacy



Original Color

22.7098, 26.8771, 18.4589

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.5090, 25.8163, 23.8227

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7098, 26.8771, 18.4589 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(132, 147, 109)` looks like.

```
.text, #text, p{  
    color:rgb(132, 147, 109)  
}
```

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(132, 147, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 147, 109) }
```

Border

The CSS property to change the border of an element to XYZ 22.7098, 26.8771, 18.4589 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(132, 147, 109) }
```


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

```
.border{ border-color:rgb(132, 147, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 147, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 147, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 147, 109);  
box-shadow:4px 4px 4px 4px rgb(132, 147,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7098, 26.8771, 18.4589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 147, 109) }
```

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

```
.background{ background-color: rgb(132,  
147, 109) }
```

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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