

Converting Colors

XYZ(24.5312, 32.8087, 28.0974)

Have a look what the booklet for
XYZ(24.5312, 32.8087, 28.0974)
contains.

XYZ(24.5601, 32.9427, 27.9858)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.5601, 32.9427,
27.9858)**

Conversions

Conversions Part 1

Format	Color
Hex	6CA887
RGB	108, 168, 135
RGB Percent	42%, 66%, 53%
CMY	0.5765, 0.3412, 0.4706
CMYK	0.36, 0.00, 0.20, 0.34
HSL	147°, 26%, 54%
HSV	147°, 36%, 66%
XYZ	24.5601, 32.9427, 27.9858
YIQ	146.2980, -25.1670, -22.9830

Conversions

Conversions Part 2

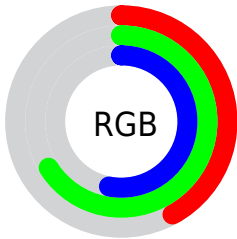
Format	Color
RYB	108, 149, 168
Decimal	7121031
CIELab	64.11, -26.85, 10.97
CIELCh	64, 29.005, 157.784
Yxy	32.9427, 0.2873, 0.3853
Android (android.graphics.Color)	4285311111 (0xFF6CA887)
YUV	146.2980, -5.5699, -33.5873
Hunter-Lab	57.3957, -24.0609, 11.2676

Details

The XYZ color **24.5601, 32.9427, 27.9858** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **26.3198, 20.9737, 27.8615**, and the grayscale version is **27.4741, 28.9049, 31.4774**.

A 20% lighter version of the original color is **50.1627, 63.9833, 57.2831**, and **9.5724, 14.0165, 10.7953** is the 20% darker color. If you saturate the color by 10%, you get **22.0879, 31.7411, 24.6204**, and if you desaturate by 10%, it is **27.4843, 34.3726, 31.6686**.

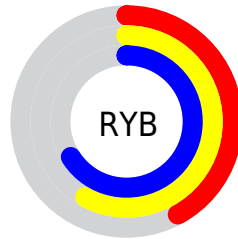
Distribution



Red (42%)

Green (66%)

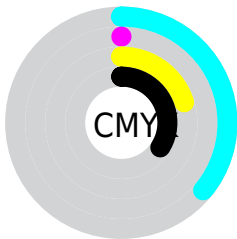
Blue (53%)



Red (42%)

Yellow (58%)

Blue (66%)

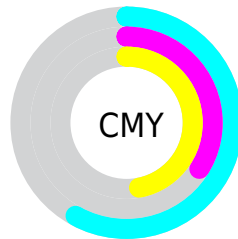


Cyan (36%)

Magenta (0%)

Yellow (20%)

Black (34%)



Cyan (58%)

Magenta (34%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5601, 32.9427, 27.9858 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 24.5601, 32.9427, 27.9858 by changing the saturation by 10% instead.

■ 24.5601, 32.9427,
27.9858

■ 24.5601, 32.9427,
27.9858

268.0283,
315.3915, 306.3089

■ 15.8766, 22.0826,
18.0760

■ 50.3907, 64.2861,
57.4846

■ 9.5272, 13.9176,
10.8346

■ 68.2686, 85.5381,
77.9107

■ 5.1464, 8.0634,
5.8429

■ 89.9419, 111.0228,
102.6793

■ 2.3691, 4.1355,
2.6826

■ 115.7761,
141.1247, 132.2089

■ 0.8297, 1.7497,
0.9346

146.1364,
176.2281, 166.9182

■ 0.0000, 0.4555,
0.0000

181.3884,

■ 0.0000, 0.0000,

216.7174, 207.2255

0.0000

221.8972,
262.9771, 253.5496

■ 24.5601, 32.9427,
27.9858

■ 24.5601, 32.9427,
27.9858

■ 22.0879, 31.7411,
24.6204

■ 27.4843, 34.3726,
31.6686

■ 20.0410, 30.7514,
21.5616

■ 30.8800, 36.0380,
35.6747

■ 18.3936, 29.9616,
18.8011


■ 34.7690, 37.9509,
40.0128


■ 17.1162, 29.3565,
16.3294


■ 39.1707, 40.1211,
44.6906


■ 16.1747, 28.9186,
14.1365


■ 44.1035, 42.5579,
49.7155


 15.5251, 28.6257,
12.2114

 49.5849, 45.2703,
55.0944

 15.2939, 28.5228,
11.4642

 55.6314, 48.2666,
60.8344

 62.2592, 51.5550,
66.9421

 67.9197, 54.3371,
73.3510

Harmonies

Analogous

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



26.7215, 32.9427, 20.8105



24.5601, 32.9427, 27.9858



24.1264, 32.9427, 39.0172

Triad

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



24.5601, 32.9427, 27.9858



32.3918, 32.9427, 63.2378



37.9697, 32.9427, 23.7295

Complementary

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



24.5601, 32.9427, 27.9858



26.3198, 20.9737, 27.8615

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.



39.7969, 32.9427, 32.8948



24.5601, 32.9427, 27.9858



36.3981, 32.9427, 56.8550

Square

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



24.5601, 32.9427, 27.9858



28.4216, 32.9427, 61.1178



39.1979, 32.9427, 45.1089



34.3900, 32.9427, 18.7534

Rectangle

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



24.5601, 32.9427, 27.9858



24.8366, 32.9427, 47.4666



39.1979, 32.9427, 45.1089



38.8229, 32.9427, 26.3334

Sweetspot

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



24.5610, 32.9441, 27.9865



59.1058, 66.9032, 68.2114



27.8658, 34.8403, 19.4437



12.6876, 14.4862, 14.6484



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.



24.5610, 32.9441, 27.9865



40.8828, 57.9859, 45.8079



26.8889, 33.8752, 40.2449



7.5718, 8.4618, 8.7313



11.5740, 21.5484, 8.7895



0.3076, 0.5347, 0.3506

Inverse Universe

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



26.3198, 20.9737, 27.8615



44.5600, 32.9431, 45.5353



24.4365, 20.2204, 17.9445



7.6973, 7.6088, 8.7229



13.6929, 6.8859, 8.4603



0.3584, 0.1776, 0.3387

Previews

White Background



This preview shows how the XYZ color 24.5601, 32.9427, 27.9858 looks on a white background.

Color Contrast Check

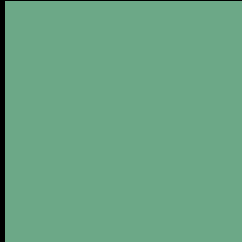
Large Text (above 18pt) WCAG AA × Fail

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 24.5601, 32.9427, 27.9858 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 ✓ Pass

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

XYZ 24.5601, 32.9427, 27.9858

Background



This preview shows how black text looks on a background with the XYZ color 24.5601, 32.9427, 27.9858.



This preview shows how white text looks on a background with the XYZ color 24.5601, 32.9427,

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

24.5601, 32.9427, 27.9858

Protanopia

30.5561, 32.4562, 25.0763

Deuteranopia

33.0868, 32.4729, 28.9501



Tritanopia

28.0929, 32.7572, 45.9164

Trichromacy



Original Color

24.5601, 32.9427, 27.9858

Protanomaly

27.8226, 32.2746, 26.2359

Deuteranomaly

29.2384, 32.1912, 28.7173

Tritanomaly

26.6479, 32.7015, 38.6257

Monochromacy



Original Color

24.5601, 32.9427, 27.9858

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

25.9538, 29.9697, 30.0080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5601, 32.9427, 27.9858 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(108, 168, 135)` looks like.

```
.text, #text, p{  
    color:rgb(108, 168, 135)  
}
```

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(108, 168, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 168, 135) }
```

Border

The CSS property to change the border of an element to XYZ 24.5601, 32.9427, 27.9858 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(108, 168, 135) }
```


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

```
.border{ border-color:rgb(108, 168, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 168, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 168, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 168, 135);  
box-shadow:4px 4px 4px 4px rgb(108, 168,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5601, 32.9427, 27.9858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 168, 135) }
```

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

```
.background{ background-color: rgb(108,  
168, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor