

Converting Colors

XYZ(27.0845, 25.7441, 9.5171)

Have a look what the booklet for
XYZ(27.0845, 25.7441, 9.5171)
contains.

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Color

**XYZ(27.0245, 25.6503,
9.4879)**

Conversions

Conversions Part 1

Format	Color
Hex	B08247
RGB	176, 130, 71
RGB Percent	69%, 51%, 28%
CMY	0.3098, 0.4902, 0.7216
CMYK	0.00, 0.26, 0.60, 0.31
HSL	34°, 43%, 48%
HSV	34°, 60%, 69%
XYZ	27.0245, 25.6503, 9.4879
YIQ	137.0280, 46.3550, -8.5970

Conversions

Conversions Part 2

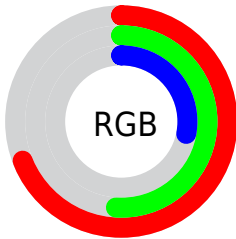
Format	Color
RYB	153, 176, 71
Decimal	11567687
CIELab	57.70, 11.10, 38.41
CIELCh	58, 39.978, 73.887
Yxy	25.6503, 0.4347, 0.4126
Android (android.graphics.Color)	4289757767 (0xFFB08247)
YUV	137.0280, -32.5518, 34.1784
Hunter-Lab	50.6461, 6.6159, 24.3451

Details

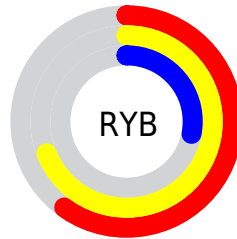
The XYZ color **27.0245, 25.6503, 9.4879** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **16.7961, 17.1961, 43.5082**, and the grayscale version is **23.8960, 25.1404, 27.3779**.

A 20% lighter version of the original color is **54.3164, 52.7399, 25.4062**, and **10.8428, 9.9398, 2.1577** is the 20% darker color. If you saturate the color by 10%, you get **25.5522, 23.4824, 6.6026**, and if you desaturate by 10%, it is **28.7385, 28.0398, 13.2613**.

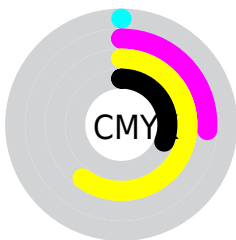
Distribution



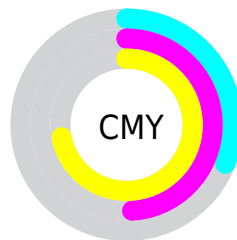
- Red (69%)
- Green (51%)
- Blue (28%)



- Red (60%)
- Yellow (69%)
- Blue (28%)



- Cyan (0%)
- Magenta (26%)
- Yellow (60%)
- Black (31%)





- Cyan (31%)
- Magenta (49%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0245, 25.6503, 9.4879 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 27.0245, 25.6503, 9.4879 by changing the saturation by 10% instead.


 27.0245, 25.6503,
9.4879


 27.0245, 25.6503,
9.4879


279.9411,
281.0612, 197.3272


 17.7283, 16.5622,
4.9596


 54.3428, 52.7103,
25.4203


 10.8536, 9.9229,
2.1653


 73.0956, 71.4509,
37.6615


 6.0350, 5.3478,
0.6542


 95.7313, 94.1779,
53.3108

 2.9073, 2.4528,
0.0000

 122.6153,
121.2755, 72.7867

 1.1049, 0.8528,
0.0000

 154.1129,
153.1283, 96.5078

 0.0292, 0.0000,
0.0000

190.5895,

 0.0000, 0.0000,

190.1206, 124.8925

0.0000

232.4105,
232.6367, 158.3594

■ 27.0245, 25.6503,
9.4879

■ 27.0245, 25.6503,
9.4879

■ 25.5522, 23.4824,
6.6026

■ 28.7385, 28.0398,
13.2613

■ 24.3034, 21.5233,
4.5267

■ 30.7068, 30.6556,
17.9894

■ 23.2600, 19.7638,
3.1698

■ 32.9432, 33.5067,
23.7342

■ 22.3853, 18.1865,
2.3478

■ 35.4597, 36.6004,
30.5519

■ 22.3570, 18.1352,
2.3221

■ 38.2677, 39.9435,
38.4946

■ 41.3777, 43.5427,
47.6108

■ 44.7997, 47.4041,
57.9465

■ 48.5432, 51.5338,
69.5448

■ 52.6174, 55.9376,
82.4469

Harmonies

Analogous

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



31.6330, 25.6503, 13.3512



27.0245, 25.6503, 9.4879



22.2369, 25.6503, 9.3594

Triad

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



27.0245, 25.6503, 9.4879



16.4920, 25.6503, 34.7448



31.3331, 25.6503, 51.5591

Complementary

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



27.0245, 25.6503, 9.4879



16.7961, 17.1961, 43.5082

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.



26.6562, 25.6503, 62.1280



27.0245, 25.6503, 9.4879



18.3299, 25.6503, 50.4768

Square

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



27.0245, 25.6503, 9.4879



16.5635, 25.6503, 21.2333



21.9136, 25.6503, 61.6774



34.3342, 25.6503, 35.9018

Rectangle

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



27.0245, 25.6503, 9.4879



19.5998, 25.6503, 11.2642



21.9136, 25.6503, 61.6774



29.8800, 25.6503, 56.0228

Sweetspot

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



27.0251, 25.6516, 9.4884



64.9652, 67.1689, 57.2253



23.4428, 15.0508, 18.8873



13.7811, 14.1963, 11.5766



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.



27.0251, 25.6516, 9.4884



45.4822, 41.2665, 10.4574



33.4029, 40.1354, 11.9479



8.8792, 9.2710, 8.9740



16.4628, 13.4243, 1.7235



0.5748, 0.5361, 0.0732

Inverse Universe

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



16.7961, 17.1961, 43.5082



25.2393, 24.5743, 77.9084



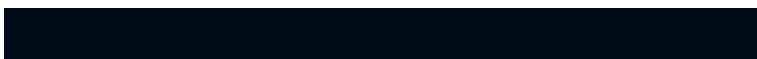
13.0903, 9.1881, 42.1578



8.3380, 8.8223, 10.7697



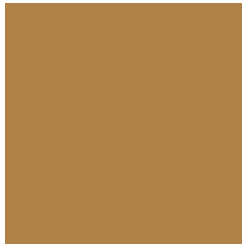
7.7583, 6.3169, 30.9474



0.3025, 0.3156, 0.9932

Previews

White Background



This preview shows how the XYZ color 27.0245, 25.6503, 9.4879 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 27.0245, 25.6503, 9.4879 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 27.0245, 25.6503, 9.4879

Background



This preview shows how black text looks on a background with the XYZ color 27.0245, 25.6503, 9.4879.



This preview shows how white text looks on a background with the XYZ color 27.0245, 25.6503,

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

27.0245, 25.6503, 9.4879

Protanopia

23.6055, 25.7320, 10.2012

Deuteranopia

26.1513, 25.6027, 9.3578



Tritanopia

30.3039, 25.6556, 25.1846

Trichromacy



Original Color

27.0245, 25.6503, 9.4879

Protanomaly

24.7047, 25.6664, 9.9554

Deuteranomaly

26.4554, 25.5590, 9.3334

Tritanomaly

28.8657, 25.6312, 18.1778

Monochromacy



Original Color

27.0245, 25.6503, 9.4879

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.2682, 24.8218, 19.1348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0245, 25.6503, 9.4879 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(176, 130, 71)` looks like.

```
.text, #text, p{  
    color:rgb(176, 130, 71)  
}
```

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(176, 130, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 130, 71) }
```

Border

The CSS property to change the border of an element to XYZ 27.0245, 25.6503, 9.4879 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(176, 130, 71) }
```


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

```
.border{ border-color:rgb(176, 130, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 130, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 130, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 130, 71);  
box-shadow:4px 4px 4px 4px rgb(176, 130,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0245, 25.6503, 9.4879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 130, 71) }
```

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

```
.background{ background-color: rgb(176,  
130, 71) }
```

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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