

Converting Colors

XYZ(27.6467, 24.1394, 9.5791)

Have a look what the booklet for
XYZ(27.6467, 24.1394, 9.5791)
contains.

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Color

**XYZ(27.6862, 24.1043,
9.4967)**

Conversions

Conversions Part 1

Format	Color
Hex	B87849
RGB	184, 120, 73
RGB Percent	72%, 47%, 29%
CMY	0.2784, 0.5294, 0.7137
CMYK	0.00, 0.35, 0.60, 0.28
HSL	25°, 44%, 50%
HSV	25°, 60%, 72%
XYZ	27.6862, 24.1043, 9.4967
YIQ	133.7780, 53.2310, -1.0490

Conversions

Conversions Part 2

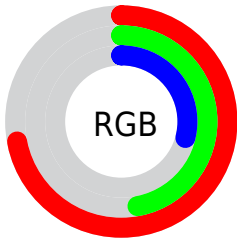
Format	Color
RYB	184, 155, 73
Decimal	12089417
CIELab	56.19, 20.27, 35.77
CIELCh	56, 41.118, 60.460
Yxy	24.1043, 0.4517, 0.3933
Android (android.graphics.Color)	4290279497 (0xFFB87849)
YUV	133.7780, -29.9636, 44.0447
Hunter-Lab	49.0961, 14.7412, 22.8988

Details

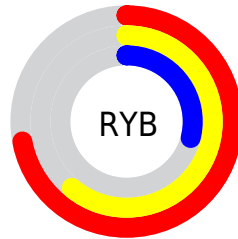
The XYZ color **27.6862, 24.1043, 9.4967** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **20.3445, 22.7673, 48.6694**, and the grayscale version is **22.6718, 23.8525, 25.9754**.

A 20% lighter version of the original color is **55.4809, 50.3719, 25.5375**, and **11.1921, 9.0931, 2.1425** is the 20% darker color. If you saturate the color by 10%, you get **25.9582, 21.4845, 6.3433**, and if you desaturate by 10%, it is **29.7372, 27.0815, 13.6485**.

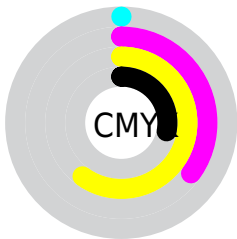
Distribution



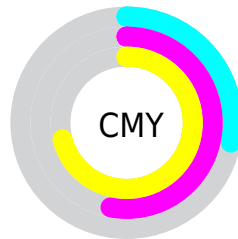
- Red (72%)
- Green (47%)
- Blue (29%)



- Red (72%)
- Yellow (61%)
- Blue (29%)



- Cyan (0%)
- Magenta (35%)
- Yellow (60%)
- Black (28%)





- Cyan (28%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.6862, 24.1043, 9.4967 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 27.6862, 24.1043, 9.4967 by changing the saturation by 10% instead.


 27.6862, 24.1043,
9.4967

 27.6862, 24.1043,
9.4967


283.0718,
273.3474, 197.3937


 18.2285, 15.4110,
4.9653


 55.3952, 50.2003,
25.4373

 11.2148, 9.1083,
2.1686


 74.3772, 68.3719,
37.6836


 6.2799, 4.8119,
0.6561


 97.2647, 90.4717,
53.3386

 3.0583, 2.1373,
0.0000

 124.4230,
116.8840, 72.8209

 1.1847, 0.6855,
0.0000

 156.2175,
147.9934, 96.5491

 0.0942, 0.0000,
0.0000

193.0136,

 0.0000, 0.0000,

184.1841, 124.9415

0.0000

235.1765,
225.8406, 158.4169

■ 27.6862, 24.1043,
9.4967

■ 27.6862, 24.1043,
9.4967

■ 25.9582, 21.4845,
6.3433

■ 29.7372, 27.0815,
13.6485

■ 24.5304, 19.2026,
4.0988

■ 32.1283, 30.4269,
18.8748

■ 23.3792, 17.2424,
2.6597

■ 34.8772, 34.1554,
25.2460

■ 22.4855, 15.6273,
1.8313

■ 37.9999, 38.2796,
32.8259

■ 41.5111, 42.8118,
41.6735

■ 45.4249, 47.7635,
51.8441

■ 49.7545, 53.1458,
63.3895

■ 54.5124, 58.9692,
76.3589

■ 59.7108, 65.2440,
90.7989

Harmonies

Analogous

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



31.6646, 24.1043, 15.1445



27.6862, 24.1043, 9.4967



22.8375, 24.1043, 7.8816

Triad

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



27.6862, 24.1043, 9.4967



14.9757, 24.1043, 26.4551



27.8299, 24.1043, 55.6566

Complementary

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



27.6862, 24.1043, 9.4967



20.3445, 22.7673, 48.6694

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.



22.9835, 24.1043, 61.7935



27.6862, 24.1043, 9.4967



15.9396, 24.1043, 41.7629

Square

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



27.6862, 24.1043, 9.4967



15.8824, 24.1043, 15.3968



18.7181, 24.1043, 56.0023



31.7553, 24.1043, 41.2714

Rectangle

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



27.6862, 24.1043, 9.4967



19.8800, 24.1043, 8.6402



18.7181, 24.1043, 56.0023



26.2341, 24.1043, 58.9361

Sweetspot

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



27.6868, 24.1055, 9.4972



70.1163, 70.9953, 62.5637



26.7191, 16.7833, 25.7813



14.7380, 14.8129, 12.5509



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.6868, 24.1055, 9.4972



46.2572, 37.6939, 10.1661



36.2510, 41.2339, 12.3519



9.3088, 9.6206, 9.4732



15.5640, 10.9043, 1.2844



0.6103, 0.5076, 0.0658

Inverse Universe

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



20.3445, 22.7673, 48.6694



31.7550, 34.9681, 87.2805



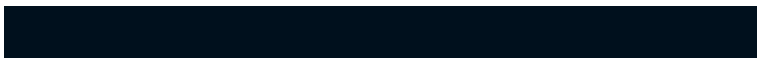
14.4357, 10.9497, 46.6998



8.9394, 9.5561, 11.4528



9.5919, 9.6436, 32.6089



0.3980, 0.4598, 1.1695

Previews

White Background



This preview shows how the XYZ color 27.6862, 24.1043, 9.4967 looks on a white background.

Color Contrast Check

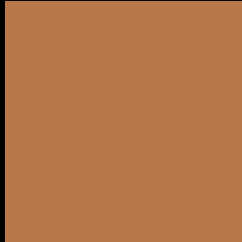
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6862, 24.1043, 9.4967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

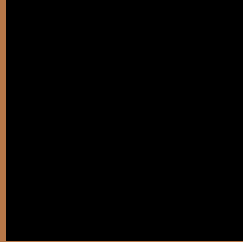
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6862, 24.1043, 9.4967

Background



This preview shows how black text looks on a background with the XYZ color 27.6862, 24.1043, 9.4967.



This preview shows how white text looks on a background with the XYZ color 27.6862, 24.1043,

9.4967.

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

27.6862, 24.1043, 9.4967

Protanopia

22.2519, 24.1739, 10.7010

Deuteranopia

24.7135, 24.2624, 9.3418



Tritanopia

30.3315, 24.1561, 21.8028

Trichromacy



Original Color

27.6862, 24.1043, 9.4967

Protanomaly

23.9851, 24.0641, 10.2182

Deuteranomaly

25.8641, 24.2738, 9.4530

Tritanomaly

29.2887, 24.0755, 16.4680

Monochromacy



Original Color

27.6862, 24.1043, 9.4967

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.7238, 23.5458, 18.6236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6862, 24.1043, 9.4967 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(184, 120, 73)` looks like.

```
.text, #text, p{  
    color:rgb(184, 120, 73)  
}
```

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(184, 120, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 120, 73) }
```

Border

The CSS property to change the border of an element to XYZ 27.6862, 24.1043, 9.4967 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(184, 120, 73) }
```


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

```
.border{ border-color:rgb(184, 120, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 120, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 120, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 120, 73);  
box-shadow:4px 4px 4px 4px rgb(184, 120,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6862, 24.1043, 9.4967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 120, 73) }
```

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

```
.background{ background-color: rgb(184,  
120, 73) }
```

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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