

Converting Colors

XYZ(28.6744, 24.7867, 17.2111)

Have a look what the booklet for
XYZ(28.6744, 24.7867, 17.2111)
contains.

XYZ(28.6694, 24.8044, 17.1866)	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(28.6694, 24.8044,
17.1866)**

Conversions

Conversions Part 1

Format	Color
Hex	B57A6B
RGB	181, 122, 107
RGB Percent	71%, 48%, 42%
CMY	0.2902, 0.5215, 0.5804
CMYK	0.00, 0.33, 0.41, 0.29
HSL	12°, 33%, 56%
HSV	12°, 41%, 71%
XYZ	28.6694, 24.8044, 17.1866
YIQ	137.9310, 39.9790, 7.8430

Conversions

Conversions Part 2

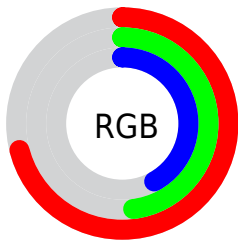
Format	Color
R_{YB}	181, 126, 107
Decimal	11893355
CIE _{Lab}	56.88, 21.17, 17.58
CIE _{LCh}	57, 27.512, 39.705
Yxy	24.8044, 0.4057, 0.3510
Android (android.graphics.Color)	4290083435 (0xFFB57A6B)
YUV	137.9310, -15.2490, 37.7715
Hunter-Lab	49.8040, 15.5955, 14.4027

Details

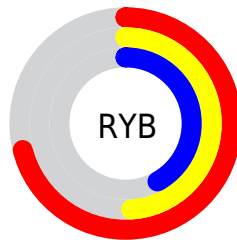
The XYZ color **28.6694, 24.8044, 17.1866** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.0394, 33.7328, 48.7491**, and the grayscale version is **24.1774, 25.4365, 27.7003**.

A 20% lighter version of the original color is **57.0981, 51.4793, 39.2749**, and **11.8023, 9.5270, 5.4918** is the 20% darker color. If you saturate the color by 10%, you get **26.1729, 21.1791, 12.1379**, and if you desaturate by 10%, it is **31.6297, 29.0381, 23.3737**.

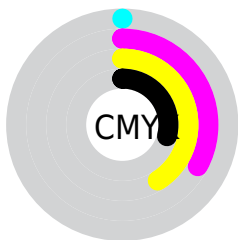
Distribution



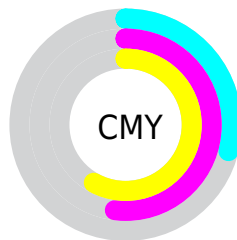
- Red (71%)
- Green (48%)
- Blue (42%)



- Red (71%)
- Yellow (49%)
- Blue (42%)



- Cyan (0%)
- Magenta (33%)
- Yellow (41%)
- Black (29%)





- Cyan (29%)
- Magenta (52%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6694, 24.8044, 17.1866 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 28.6694, 24.8044, 17.1866 by changing the saturation by 10% instead.


 28.6694, 24.8044,
17.1866


 28.6694, 24.8044,
17.1866


287.6743,
276.8624, 248.3257


 18.9739, 15.9314,
10.2043


 56.9526, 51.3397,
39.4414

 11.7553, 9.4756,
5.4272


 76.2710, 69.7708,
55.5509

 6.6483, 5.0527,
2.4370


 99.5278, 92.1567,
75.5398

 3.2875, 2.2782,
0.8065

 127.0883,
118.8819, 99.8268

 1.3076, 0.7621,
0.0000

159.3178,
150.3306, 128.8304

 0.1889, 0.0000,
0.0000

196.5818,

 0.0000, 0.0000,

186.8874, 162.9690

0.0000

239.2455,
228.9365, 202.6612

■ 28.6694, 24.8044,
17.1866

■ 28.6694, 24.8044,
17.1866

■ 26.1729, 21.1791,
12.1379

■ 31.6297, 29.0381,
23.3737

■ 24.1140, 18.1303,
8.1564

■ 35.0740, 33.9028,
30.7618

■ 22.4672, 15.6290,
5.1648


■ 39.0240, 39.4244,
39.4104


■ 21.2030, 13.6418,
3.0748


■ 43.4991, 45.6262,
49.3748


■ 20.2877, 12.1315,
1.7824


■ 48.5178, 52.5305,
60.7070

 19.7082, 11.1283,
1.1092

 54.0978, 60.1585,
73.4560

 60.2560, 68.5304,
87.6686

 67.0083, 77.6657,
103.3893

 71.8771, 86.5860,
107.5322

Harmonies

Analogous

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



30.2233, 24.8044, 24.1265



28.6694, 24.8044, 17.1866



25.7902, 24.8044, 13.5527

Triad

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



28.6694, 24.8044, 17.1866



18.2305, 24.8044, 21.3103



24.6355, 24.8044, 48.5377

Complementary

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



28.6694, 24.8044, 17.1866



28.0394, 33.7328, 48.7491

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.



21.4920, 24.8044, 47.2958



28.6694, 24.8044, 17.1866



17.9824, 24.8044, 30.1098

Square

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



28.6694, 24.8044, 17.1866



19.8362, 24.8044, 15.5300



19.1244, 24.8044, 39.9989



27.7582, 24.8044, 43.0830

Rectangle

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



28.6694, 24.8044, 17.1866



23.6078, 24.8044, 12.8692



19.1244, 24.8044, 39.9989



23.5439, 24.8044, 48.9136

Sweetspot

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



28.6700, 24.8056, 17.1871



68.9067, 69.2373, 68.4106



31.2151, 23.0998, 38.9861



14.6907, 14.6824, 14.3403



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



28.6700, 24.8056, 17.1871



47.3133, 38.5729, 22.6085



34.0736, 35.6128, 18.9883



8.6313, 8.7752, 8.8914



13.6274, 7.7535, 0.7783



0.4695, 0.3253, 0.0381

Inverse Universe

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



28.0394, 33.7328, 48.7491



46.0012, 56.6764, 86.8097



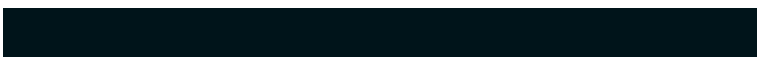
22.2807, 22.2155, 46.8296



8.5934, 9.3330, 10.8549



12.7065, 16.2134, 32.5968



0.4369, 0.5844, 1.0380

Previews

White Background



This preview shows how the XYZ color 28.6694, 24.8044, 17.1866 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 28.6694, 24.8044, 17.1866 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 28.6694, 24.8044, 17.1866

Background



This preview shows how black text looks on a background with the XYZ color 28.6694, 24.8044, 17.1866.



This preview shows how white text looks on a background with the XYZ color 28.6694, 24.8044,

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

28.6694, 24.8044, 17.1866

Protanopia

23.4845, 25.0355, 19.5142

Deuteranopia

25.3640, 24.8296, 16.8204



Tritanopia

30.0215, 24.8194, 23.6304

Trichromacy



Original Color

28.6694, 24.8044, 17.1866

Protanomaly

25.0251, 24.8183, 18.5104

Deuteranomaly

26.4691, 24.8038, 17.0282

Tritanomaly

29.3980, 24.7341, 20.9940

Monochromacy



Original Color

28.6694, 24.8044, 17.1866

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.4085, 24.9049, 23.5466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6694, 24.8044, 17.1866 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(181, 122, 107)` looks like.

```
.text, #text, p{  
    color:rgb(181, 122, 107)  
}
```

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(181, 122, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 122, 107) }
```

Border

The CSS property to change the border of an element to XYZ 28.6694, 24.8044, 17.1866 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(181, 122, 107) }
```


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

```
.border{ border-color:rgb(181, 122, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 122, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 122, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 122, 107);  
box-shadow:4px 4px 4px 4px rgb(181, 122,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6694, 24.8044, 17.1866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 122, 107) }
```

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

```
.background{ background-color: rgb(181,  
122, 107) }
```

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