

Converting Colors

XYZ(27.4891, 28.1234, 17.0170)

Have a look what the booklet for
XYZ(27.4891, 28.1234, 17.0170)
contains.

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Color

**XYZ(27.3334, 27.9417,
17.0494)**

Conversions

Conversions Part 1

Format	Color
Hex	A48D68
RGB	164, 141, 104
RGB Percent	64%, 55%, 41%
CMY	0.3569, 0.4470, 0.5922
CMYK	0.00, 0.14, 0.37, 0.36
HSL	37°, 25%, 53%
HSV	37°, 37%, 64%
XYZ	27.3334, 27.9417, 17.0494
YIQ	143.6590, 25.5850, -6.6310

Conversions

Conversions Part 2

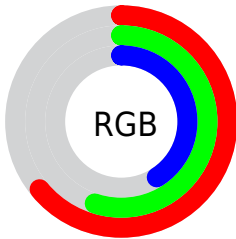
Format	Color
R_{YB}	141, 164, 104
Decimal	10784104
CIE Lab	59.84, 3.15, 22.95
CIE LCh	60, 23.169, 82.181
Yxy	27.9417, 0.3779, 0.3863
Android (android.graphics.Color)	4288974184 (0xFFA48D68)
YUV	143.6590, -19.5519, 17.8391
Hunter-Lab	52.8599, -0.2040, 17.8786

Details

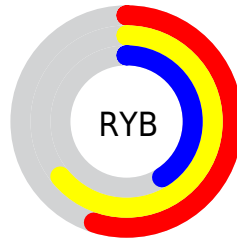
The XYZ color **27.3334, 27.9417, 17.0494** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.9990, 20.8016, 38.0830**, and the grayscale version is **26.4416, 27.8186, 30.2944**.

A 20% lighter version of the original color is **54.9467, 56.6124, 39.0416**, and **11.0104, 11.1472, 5.3127** is the 20% darker color. If you saturate the color by 10%, you get **25.6796, 25.8400, 12.7804**, and if you desaturate by 10%, it is **29.2033, 30.2161, 22.1904**.

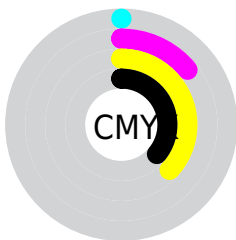
Distribution



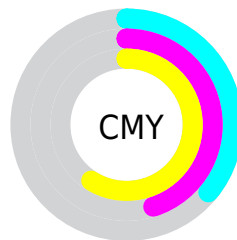
- Red (64%)
- Green (55%)
- Blue (41%)



- Red (55%)
- Yellow (64%)
- Blue (41%)



- Cyan (0%)
- Magenta (14%)
- Yellow (37%)
- Black (36%)





- Cyan (36%)
- Magenta (45%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3334, 27.9417, 17.0494 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 27.3334, 27.9417, 17.0494 by changing the saturation by 10% instead.


 27.3334, 27.9417,
17.0494


 27.3334, 27.9417,
17.0494


281.4060,
292.1882, 247.5105


 17.9617, 18.2817,
10.1074

 54.8345, 56.3914,
39.2025

 11.0220, 11.1524,
5.3637


 73.6946, 75.9498,
55.2507

 6.1490, 6.1695,
2.3997


 96.4482, 99.5765,
75.1713

 2.9774, 2.9484,
0.7863

 123.4606,
127.6560, 99.3830

 1.1418, 1.1049,
0.0000

155.0973,
160.5724, 128.3042

 0.0597, 0.0000,
0.0000

191.7235,

 0.0000, 0.0000,

198.7104, 162.3535

0.0000

233.7046,
242.4542, 201.9494

■ 27.3334, 27.9417,
17.0494

■ 27.3334, 27.9417,
17.0494

■ 25.6796, 25.8400,
12.7804

■ 29.2033, 30.2161,
22.1904

■ 24.2294, 23.9015,
9.3316

■ 31.2966, 32.6643,
28.2477

■ 22.9723, 22.1216,
6.6487

■ 33.6231, 35.2926,
35.2644

■ 21.8956, 20.4939,
4.6696

■ 36.1909, 38.1056,
43.2805

■ 20.9849, 19.0109,
3.3226

■ 39.0080, 41.1078,
52.3339

■ 20.2197, 17.6631,
2.5045

■ 42.0819, 44.3033,
62.4601

■ 19.9774, 17.2277,
2.2723

■ 45.4197, 47.6962,
73.6933

■ 49.0285, 51.2905,
86.0660

■ 52.9146, 55.0899,
99.6093

Harmonies

Analogous

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



30.1730, 27.9417, 19.3528



27.3334, 27.9417, 17.0494



24.4823, 27.9417, 17.7707

Triad

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



27.3334, 27.9417, 17.0494



21.6643, 27.9417, 36.9472



31.2731, 27.9417, 41.4568

Complementary

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



27.3334, 27.9417, 17.0494



19.9990, 20.8016, 38.0830

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.



28.7473, 27.9417, 47.9914



27.3334, 27.9417, 17.0494



23.2435, 27.9417, 45.0713

Square

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



27.3334, 27.9417, 17.0494



21.3468, 27.9417, 28.2762



25.7969, 27.9417, 49.4236



32.5544, 27.9417, 32.6774

Rectangle

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



27.3334, 27.9417, 17.0494



22.9435, 27.9417, 19.9441



25.7969, 27.9417, 49.4236



30.5330, 27.9417, 44.0507

Sweetspot

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



27.3341, 27.9430, 17.0500



59.0260, 61.8156, 57.9022



24.0911, 19.3258, 22.5395



12.7872, 13.3818, 12.3061



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



27.3341, 27.9430, 17.0500



47.1130, 47.5526, 24.4495



29.6789, 34.7186, 18.2342



7.4203, 7.7790, 7.4905



15.3648, 13.3035, 1.7580



0.3664, 0.3667, 0.0515

Inverse Universe

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



19.9990, 20.8016, 38.0830



31.8033, 32.6570, 68.3795



18.2070, 15.9609, 37.2431



6.9126, 7.2843, 8.9447



6.5380, 4.8554, 27.5224



0.1822, 0.1917, 0.5933

Previews

White Background



This preview shows how the XYZ color 27.3334, 27.9417, 17.0494 looks on a white background.

Color Contrast Check

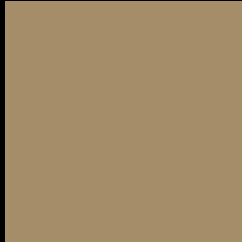
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3334, 27.9417, 17.0494 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 27.3334, 27.9417, 17.0494

Background



This preview shows how black text looks on a background with the XYZ color 27.3334, 27.9417, 17.0494.



This preview shows how white text looks on a background with the XYZ color 27.3334, 27.9417,

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

27.3334, 27.9417, 17.0494

Protanopia

26.0406, 27.9350, 17.3841

Deuteranopia

28.4329, 27.8548, 17.2425



Tritanopia

30.0007, 27.7281, 30.9650

Trichromacy



Original Color

27.3334, 27.9417, 17.0494

Protanomaly

26.4728, 27.9339, 17.3611

Deuteranomaly

27.9309, 27.8100, 17.2604

Tritanomaly

28.9787, 27.7455, 25.3008

Monochromacy



Original Color

27.3334, 27.9417, 17.0494

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.5474, 27.8092, 24.7374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3334, 27.9417, 17.0494 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(164, 141, 104)` looks like.

```
.text, #text, p{  
    color:rgb(164, 141, 104)  
}
```

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(164, 141, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 141, 104) }
```

Border

The CSS property to change the border of an element to XYZ 27.3334, 27.9417, 17.0494 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(164, 141, 104) }
```


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

```
.border{ border-color:rgb(164, 141, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 141, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 141, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 141, 104);  
box-shadow:4px 4px 4px 4px rgb(164, 141,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3334, 27.9417, 17.0494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 141, 104) }
```

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

```
.background{ background-color: rgb(164,  
141, 104) }
```

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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