

Converting Colors

XYZ(17.4327, 13.4399, 7.9787)

Have a look what the booklet for
XYZ(17.4327, 13.4399, 7.9787)
contains.

XYZ(17.4327, 13.4399, 7.9787)	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(17.4327, 13.4399,
7.9787)**

Conversions

Conversions Part 1

Format	Color
Hex	995349
RGB	153, 83, 73
RGB Percent	60%, 33%, 29%
CMY	0.4000, 0.6745, 0.7137
CMYK	0.00, 0.46, 0.52, 0.40
HSL	8°, 35%, 44%
HSV	8°, 52%, 60%
XYZ	17.4327, 13.4399, 7.9787
YIQ	102.7900, 44.9300, 11.7300

Conversions

Conversions Part 2

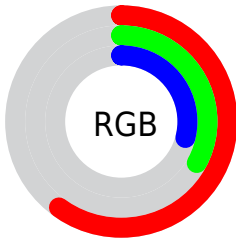
Format	Color
R_{YB}	153, 84, 73
Decimal	10048329
CIE Lab	43.42, 27.97, 18.75
CIE LCh	43, 33.673, 33.843
Yxy	13.4399, 0.4487, 0.3459
Android (android.graphics.Color)	4288238409 (0xFF995349)
YUV	102.7900, -14.6865, 44.0342
Hunter-Lab	36.6605, 20.7241, 12.7586

Details

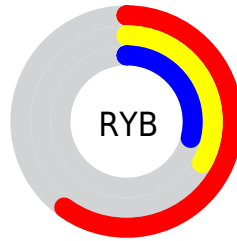
The XYZ color **17.4327, 13.4399, 7.9787** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.3192, 23.3599, 33.6801**, and the grayscale version is **12.8663, 13.5363, 14.7411**.

A 20% lighter version of the original color is **38.6163, 32.1570, 22.5840**, and **5.8598, 3.8874, 1.6039** is the 20% darker color. If you saturate the color by 10%, you get **16.0593, 11.4074, 5.3186**, and if you desaturate by 10%, it is **19.1294, 15.9192, 11.3625**.

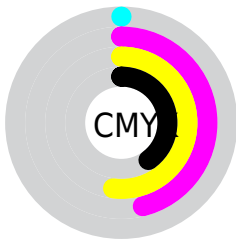
Distribution



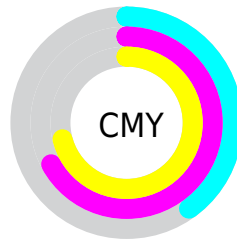
- Red (60%)
- Green (33%)
- Blue (29%)



- Red (60%)
- Yellow (33%)
- Blue (29%)



- Cyan (0%)
- Magenta (46%)
- Yellow (52%)
- Black (40%)





- Cyan (40%)
- Magenta (67%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.4327, 13.4399, 7.9787 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 17.4327, 13.4399, 7.9787 by changing the saturation by 10% instead.


 17.4327, 13.4399,
7.9787


 17.4327, 13.4399,
7.9787


230.7617,
213.7180, 185.4932


 10.6407, 7.7322,
3.9937


 38.6060, 32.0919,
22.4622


 5.8913, 3.9240,
1.6219

 53.7179, 45.8048,
33.7977

 2.8191, 1.6312,
0.3064

 72.3339, 62.9551,
48.4206

 1.0588, 0.3785,
0.0000

 94.8193, 83.9269,
66.7493

 0.0000, 0.0000,
0.0000

 121.5394,
109.1047, 89.2024

152.8596,

138.8729, 116.1984

189.1452,
173.6158, 148.1558

■ 17.4327, 13.4399,
7.9787

■ 17.4327, 13.4399,
7.9787

■ 16.0593, 11.4074,
5.3186

■ 19.1294, 15.9192,
11.3625

■ 14.9873, 9.7932,
3.3287

■ 21.1673, 18.8677,
15.5168

■ 14.1940, 8.5684,
1.9488

■ 23.5640, 22.3086,
20.4855

■ 13.6526, 7.6997,
1.1081

■ 26.3359, 26.2632,
26.3089

■ 13.3719, 7.2425,
0.6932

■ 29.4981, 30.7511,
33.0246

■ 33.0651, 35.7914,
40.6679

■ 37.0504, 41.4020,
49.2723

■ 41.4671, 47.5999,
58.8696

■ 46.3276, 54.4015,
69.4900

Harmonies

Analogous

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



18.4898, 13.4399, 13.6877



17.4327, 13.4399, 7.9787



15.1266, 13.4399, 5.1270

Triad

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



17.4327, 13.4399, 7.9787



8.7644, 13.4399, 9.1498



13.1149, 13.4399, 34.2693

Complementary

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



17.4327, 13.4399, 7.9787



18.3192, 23.3599, 33.6801

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.



10.6793, 13.4399, 31.7832



17.4327, 13.4399, 7.9787



8.3776, 13.4399, 15.6224

Square

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



17.4327, 13.4399, 7.9787



10.1686, 13.4399, 5.6229



9.0297, 13.4399, 24.2311



15.7908, 13.4399, 30.1886

Rectangle

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



17.4327, 13.4399, 7.9787



13.3223, 13.4399, 4.4647



9.0297, 13.4399, 24.2311



12.2414, 13.4399, 34.1799

Sweetspot

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



17.4330, 13.4406, 7.9789



45.0822, 44.0682, 42.7260



20.5279, 13.5409, 27.7837



9.7504, 9.4394, 9.0054



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.4330, 13.4406, 7.9789



28.3434, 19.8060, 8.7360



21.3399, 21.2544, 9.2812



6.2680, 6.3410, 6.4994



11.0663, 6.0150, 0.5778



0.1796, 0.1183, 0.0134

Inverse Universe

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



18.3192, 23.3599, 33.6801



30.0709, 39.5204, 60.0153



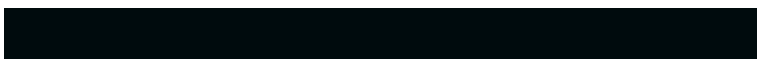
13.4143, 13.5501, 32.0452



6.3187, 6.8947, 7.9268



11.7992, 15.9951, 27.3732



0.1925, 0.2713, 0.4146

Previews

White Background



This preview shows how the XYZ color 17.4327, 13.4399, 7.9787 looks on a white 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

Black Background



This preview shows how the XYZ color 17.4327, 13.4399, 7.9787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

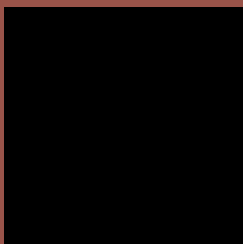
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.4327, 13.4399, 7.9787

Background



This preview shows how black text looks on a background with the XYZ color 17.4327, 13.4399, 7.9787.



This preview shows how white text looks on a background with the XYZ color 17.4327, 13.4399,

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

17.4327, 13.4399, 7.9787

Protanopia

12.8036, 13.6247, 9.9376

Deuteranopia

13.7357, 13.5768, 7.6910



Tritanopia

17.9892, 13.4430, 10.6635

Trichromacy



Original Color

17.4327, 13.4399, 7.9787

Protanomaly

14.1983, 13.3659, 9.2287

Deuteranomaly

14.8832, 13.3520, 7.7540

Tritanomaly

17.8667, 13.5138, 9.6494

Monochromacy



Original Color

17.4327, 13.4399, 7.9787

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.9998, 13.2034, 11.9359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4327, 13.4399, 7.9787 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(153, 83, 73)` looks like.

```
.text, #text, p{  
    color:rgb(153, 83, 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(153, 83, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 83, 73) }
```

Border

The CSS property to change the border of an element to XYZ 17.4327, 13.4399, 7.9787 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(153, 83, 73) }
```


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

```
.border{ border-color:rgb(153, 83, 73) }
```

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

Here you see how a box with a 4 pixel rgb(153, 83, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 83, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 83, 73);  
box-shadow:4px 4px 4px 4px rgb(153, 83,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4327, 13.4399, 7.9787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 83, 73) }
```

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

```
.background{ background-color: rgb(153, 83,  
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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