

Converting Colors

XYZ(17.1274, 13.3537, 10.8430)

Have a look what the booklet for
XYZ(17.1274, 13.3537, 10.8430)
contains.

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Color

**XYZ(17.1445, 13.3411,
10.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	945458
RGB	148, 84, 88
RGB Percent	58%, 33%, 35%
CMY	0.4196, 0.6706, 0.6549
CMYK	0.00, 0.43, 0.41, 0.42
HSL	356°, 28%, 45%
HSV	356°, 43%, 58%
XYZ	17.1445, 13.3411, 10.9040
YIQ	103.5920, 36.8600, 14.8120

Conversions

Conversions Part 2

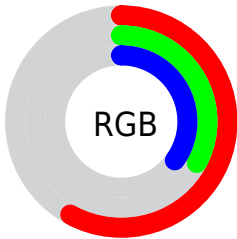
Format	Color
R_{YB}	148, 84, 88
Decimal	9720920
CIE _{Lab}	43.27, 27.02, 9.32
CIE _{LCh}	43, 28.584, 19.025
Yxy	13.3411, 0.4142, 0.3223
Android (android.graphics.Color)	4287911000 (0xFF945458)
YUV	103.5920, -7.6869, 38.9458
Hunter-Lab	36.5255, 19.8656, 7.8679

Details

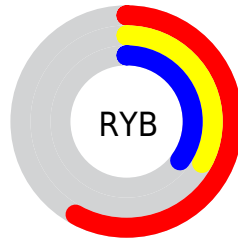
The XYZ color **17.1445, 13.3411, 10.9040** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.2807, 25.0785, 30.2113**, and the grayscale version is **13.0625, 13.7427, 14.9658**.

A 20% lighter version of the original color is **38.1533, 32.0003, 28.2105**, and **5.8169, 3.9304, 2.7376** is the 20% darker color. If you saturate the color by 10%, you get **15.5937, 11.0734, 7.8162**, and if you desaturate by 10%, it is **19.0482, 16.1394, 14.6495**.

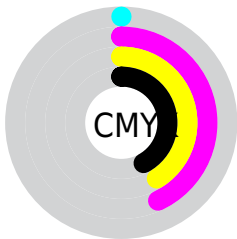
Distribution



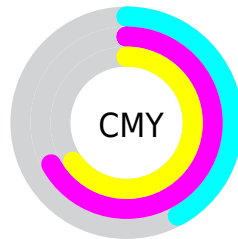
- Red (58%)
- Green (33%)
- Blue (35%)



- Red (58%)
- Yellow (33%)
- Blue (35%)



- Cyan (0%)
- Magenta (43%)
- Yellow (41%)
- Black (42%)



- Cyan (42%)
- Magenta (67%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1445, 13.3411, 10.9040 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 17.1445, 13.3411, 10.9040 by changing the saturation by 10% instead.

■ 17.1445, 13.3411,
10.9040

■ 17.1445, 13.3411,
10.9040

229.1438,
213.0923, 207.7215

■ 10.4335, 7.6638,
5.8890

■ 38.1157, 31.9152,
28.1164

■ 5.7518, 3.8806,
2.7100

■ 53.1066, 45.5809,
41.1509

■ 2.7340, 1.6070,
0.9484

■ 71.5882, 62.6782,
57.6956

■ 1.0147, 0.3623,
0.0000

■ 93.9258, 83.5914,
78.1691

■ 0.0000, 0.0000,
0.0000

■ 120.4848,
108.7051, 102.9899

151.6306,

138.4035, 132.5765

187.7284,
173.0711, 167.3475

■ 17.1445, 13.3411,
10.9040

■ 17.1445, 13.3411,
10.9040

■ 15.5937, 11.0734,
7.8162

■ 19.0482, 16.1394,
14.6495

■ 14.3730, 9.3009,
5.3473

■ 21.3235, 19.4966,
19.0868

■ 13.4588, 7.9871,
3.4559

■ 23.9890, 23.4416,
24.2487

■ 12.8237, 7.0898,
2.0948

■ 27.0620, 28.0006,
30.1654

■ 12.4357, 6.5588,
1.2099

■ 30.5585, 33.1983,
36.8656

■ 12.2634, 6.3161,
0.8382

■ 34.4938, 39.0579,
44.3766

■ 38.8822, 45.6017,
52.7240

■ 43.7377, 52.8506,
61.9327

■ 49.0735, 60.8250,
72.0263

Harmonies

Analogous

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



17.3343, 13.3411, 16.9725



17.1445, 13.3411, 10.9040



15.6809, 13.3411, 7.1300

Triad

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



17.1445, 13.3411, 10.9040



9.7308, 13.3411, 7.9098



11.8872, 13.3411, 30.0789

Complementary

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



17.1445, 13.3411, 10.9040



19.2807, 25.0785, 30.2113

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.



10.0892, 13.3411, 25.8092



17.1445, 13.3411, 10.9040



8.9442, 13.3411, 12.3270

Square

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



17.1445, 13.3411, 10.9040



11.3429, 13.3411, 5.7814



9.0673, 13.3411, 18.8730



14.1190, 13.3411, 29.3651

Rectangle

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



17.1445, 13.3411, 10.9040



14.2656, 13.3411, 5.8585



9.0673, 13.3411, 18.8730



11.2170, 13.3411, 29.1389

Sweetspot

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



17.1448, 13.3418, 10.9043



42.3179, 41.3473, 42.7670



19.9710, 14.3847, 29.7409



9.4280, 9.0945, 9.3140



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.1448, 13.3418, 10.9043



27.5637, 19.6105, 13.8904



19.5782, 18.4661, 10.9208



5.8146, 5.8209, 6.1299



10.4788, 5.3966, 0.7363



0.1312, 0.0672, 0.0244

Inverse Universe

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



17.1448, 13.3418, 10.9043



27.5637, 19.6105, 13.8904



15.7506, 17.5207, 30.5686



5.8146, 5.8209, 6.1299



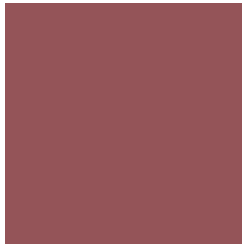
10.4788, 5.3966, 0.7363



0.1312, 0.0672, 0.0244

Previews

White Background



This preview shows how the XYZ color 17.1445, 13.3411, 10.9040 looks on a white background.

Color Contrast Check

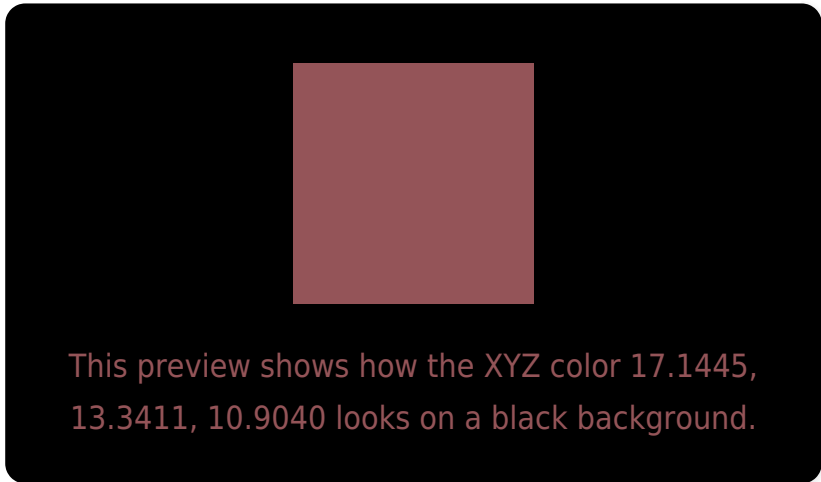
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 17.1445, 13.3411, 10.9040

Background



This preview shows how black text looks on a background with the XYZ color 17.1445, 13.3411, 10.9040.



This preview shows how white text looks on a background with the XYZ color 17.1445, 13.3411,

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

17.1445, 13.3411, 10.9040

Protanopia

12.8998, 13.4488, 13.4712

Deuteranopia

13.7093, 13.5015, 10.4778



Tritanopia

17.2285, 13.3747, 11.3464

Trichromacy



Original Color

17.1445, 13.3411, 10.9040

Protanomaly

13.9977, 13.0575, 12.3723

Deuteranomaly

14.8883, 13.4231, 10.6103

Tritanomaly

17.1862, 13.3578, 11.1237

Monochromacy



Original Color

17.1445, 13.3411, 10.9040

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

14.2250, 13.4243, 13.3967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1445, 13.3411, 10.9040 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(148, 84, 88)` looks like.

```
.text, #text, p{  
    color:rgb(148, 84, 88)  
}
```

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(148, 84, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 84, 88) }
```

Border

The CSS property to change the border of an element to XYZ 17.1445, 13.3411, 10.9040 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(148, 84, 88) }
```


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

```
.border{ border-color:rgb(148, 84, 88) }
```

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

Here you see how a box with a 4 pixel rgb(148, 84, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 84, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 84, 88);  
box-shadow:4px 4px 4px 4px rgb(148, 84,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1445, 13.3411, 10.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 84, 88) }
```

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

```
.background{ background-color: rgb(148, 84,  
88) }
```

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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