

Converting Colors

XYZ(17.0873, 13.8384, 7.2961)

Have a look what the booklet for
XYZ(17.0873, 13.8384, 7.2961)
contains.

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Color

**XYZ(17.1108, 13.8808,
7.2463)**

Conversions

Conversions Part 1

Format	Color
Hex	965844
RGB	150, 88, 68
RGB Percent	59%, 35%, 27%
CMY	0.4118, 0.6549, 0.7333
CMYK	0.00, 0.41, 0.55, 0.41
HSL	15°, 38%, 43%
HSV	15°, 55%, 59%
XYZ	17.1108, 13.8808, 7.2463
YIQ	104.2580, 43.3720, 6.9240

Conversions

Conversions Part 2

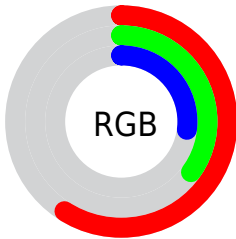
Format	Color
R_{YB}	150, 94, 68
Decimal	9852996
CIE _{Lab}	44.06, 23.44, 22.51
CIE _{LCh}	44, 32.493, 43.837
Yxy	13.8808, 0.4475, 0.3630
Android (android.graphics.Color)	4288043076 (0xFF965844)
YUV	104.2580, -17.8752, 40.1157
Hunter-Lab	37.2569, 16.7791, 14.5482

Details

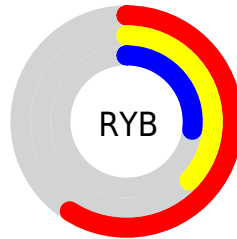
The XYZ color **17.1108, 13.8808, 7.2463** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.8712, 19.3954, 31.7613**, and the grayscale version is **13.2659, 13.9567, 15.1989**.

A 20% lighter version of the original color is **38.1171, 32.9916, 20.8820**, and **5.6771, 4.0847, 1.3534** is the 20% darker color. If you saturate the color by 10%, you get **15.8507, 12.0018, 4.8495**, and if you desaturate by 10%, it is **18.6336, 16.0978, 10.3089**.

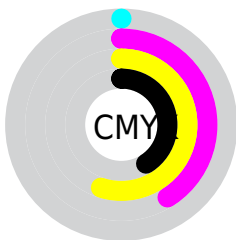
Distribution



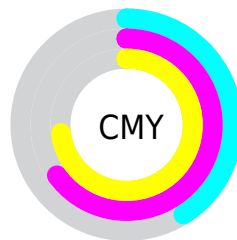
- Red (59%)
- Green (35%)
- Blue (27%)



- Red (59%)
- Yellow (37%)
- Blue (27%)



- Cyan (0%)
- Magenta (41%)
- Yellow (55%)
- Black (41%)





- Cyan (41%)
- Magenta (65%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.1108, 13.8808, 7.2463 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 17.1108, 13.8808, 7.2463 by changing the saturation by 10% instead.


 17.1108, 13.8808,
7.2463


 17.1108, 13.8808,
7.2463


228.9539,
216.4880, 179.4027


 10.4093, 8.0378,
3.5358


 38.0583, 32.8774,
20.9883


 5.7355, 4.1191,
1.3743

 53.0350, 46.7997,
31.8568


 2.7241, 1.7404,
0.1216

 71.5008, 64.1840,
45.9485

 1.0096, 0.4496,
0.0000

 93.8210, 85.4146,
63.6819

 0.0000, 0.0000,
0.0000

 120.3611,
110.8759, 85.4754

151.4864,

140.9523, 111.7477

187.5622,
176.0282, 142.9173

■ 17.1108, 13.8808,
7.2463

■ 17.1108, 13.8808,
7.2463

■ 15.8507, 12.0018,
4.8495

■ 18.6336, 16.0978,
10.3089

■ 14.8364, 10.4417,
3.0673

■ 20.4325, 18.6663,
14.0816

■ 14.0506, 9.1825,
1.8425

■ 22.5212, 21.6019,
18.6057

■ 13.4724, 8.2033,
1.1031

■ 24.9119, 24.9184,
23.9192

■ 13.2266, 7.7819,
0.8049

■ 27.6166, 28.6290,
30.0574

■ 30.6460, 32.7461,
37.0536

■ 34.0109, 37.2818,
44.9392

■ 37.7211, 42.2473,
53.7440

■ 41.7863, 47.6539,
63.4963

Harmonies

Analogous

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



18.6286, 13.8808, 11.9602



17.1108, 13.8808, 7.2463



14.6251, 13.8808, 5.1535

Triad

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



17.1108, 13.8808, 7.2463



8.9740, 13.8808, 11.4892



14.4174, 13.8808, 33.5646

Complementary

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



17.1108, 13.8808, 7.2463



15.8712, 19.3954, 31.7613

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.



11.8581, 13.8808, 33.3108



17.1108, 13.8808, 7.2463



8.9337, 13.8808, 18.7781

Square

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



17.1108, 13.8808, 7.2463



10.0430, 13.8808, 6.9990



9.9246, 13.8808, 27.2644



16.9418, 13.8808, 27.8741

Rectangle

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



17.1108, 13.8808, 7.2463



12.8636, 13.8808, 4.8989



9.9246, 13.8808, 27.2644



13.5285, 13.8808, 34.2173

Sweetspot

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



17.1111, 13.8815, 7.2466



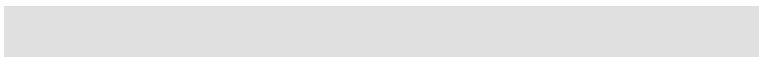
43.2307, 42.9630, 40.5669



18.7326, 12.2535, 22.8033



9.4036, 9.2765, 8.5949



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.



17.1111, 13.8815, 7.2466



27.4604, 20.4018, 7.6282



21.3577, 22.3746, 8.6621



5.9089, 6.0316, 6.0932



10.9921, 6.4985, 0.6750



0.1547, 0.1198, 0.0150

Inverse Universe

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



15.8712, 19.3954, 31.7613



24.9805, 31.0923, 55.6061



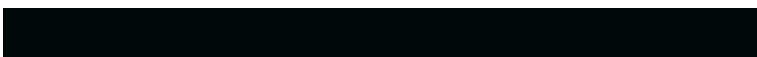
11.5340, 10.7210, 30.3156



5.8455, 6.3250, 7.3825



9.5271, 11.7489, 25.6967



0.1396, 0.1898, 0.3222

Previews

White Background



This preview shows how the XYZ color 17.1108, 13.8808, 7.2463 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 17.1108, 13.8808, 7.2463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

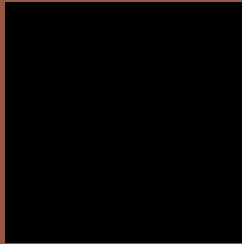
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.1108, 13.8808, 7.2463

Background



This preview shows how black text looks on a background with the XYZ color 17.1108, 13.8808, 7.2463.



This preview shows how white text looks on a background with the XYZ color 17.1108, 13.8808,

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

17.1108, 13.8808, 7.2463

Protanopia

13.1316, 14.1219, 8.6903

Deuteranopia

14.1447, 13.9433, 7.1001



Tritanopia

18.0857, 13.9277, 11.6326

Trichromacy



Original Color

17.1108, 13.8808, 7.2463

Protanomaly

14.2357, 13.8272, 8.0495

Deuteranomaly

15.1877, 13.9219, 7.1969

Tritanomaly

17.6516, 13.8594, 9.9284

Monochromacy



Original Color

17.1108, 13.8808, 7.2463

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

14.1412, 13.5556, 11.7687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1108, 13.8808, 7.2463 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(150, 88, 68)` looks like.

```
.text, #text, p{  
    color:rgb(150, 88, 68)  
}
```

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(150, 88, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 88, 68) }
```

Border

The CSS property to change the border of an element to XYZ 17.1108, 13.8808, 7.2463 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(150, 88, 68) }
```


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

```
.border{ border-color:rgb(150, 88, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 88, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 88, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 88, 68);  
box-shadow:4px 4px 4px 4px rgb(150, 88,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1108, 13.8808, 7.2463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 88, 68) }
```

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

```
.background{ background-color: rgb(150, 88,  
68) }
```

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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