

Converting Colors

XYZ(13.8820, 17.0427, 13.8450)

Have a look what the booklet for
XYZ(13.8820, 17.0427, 13.8450)
contains.

XYZ(13.9248, 17.0792, 13.8720)	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(13.9248, 17.0792,
13.8720)**

Conversions

Conversions Part 1

Format	Color
Hex	617961
RGB	97, 121, 97
RGB Percent	38%, 47%, 38%
CMY	0.6196, 0.5255, 0.6196
CMYK	0.20, 0.00, 0.20, 0.53
HSL	120°, 11%, 43%
HSV	120°, 20%, 47%
XYZ	13.9248, 17.0792, 13.8720
YIQ	111.0880, -6.6000, -12.5520

Conversions

Conversions Part 2

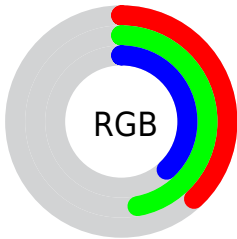
Format	Color
R_{YB}	97, 121, 121
Decimal	6388065
CIE _{Lab}	48.36, -13.83, 10.33
CIE _{LCh}	48, 17.259, 143.243
Yxy	17.0792, 0.3103, 0.3806
Android (android.graphics.Color)	4284578145 (0xFF617961)
YUV	111.0880, -6.9454, -12.3552
Hunter-Lab	41.3270, -12.1781, 9.0273

Details

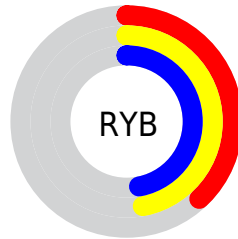
The XYZ color **13.9248, 17.0792, 13.8720** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6116, 13.9952, 19.9683**, and the grayscale version is **15.1562, 15.9455, 17.3647**.

A 20% lighter version of the original color is **32.5016, 38.3212, 33.7007**, and **4.2303, 5.5519, 3.9806** is the 20% darker color. If you saturate the color by 10%, you get **12.2107, 16.2564, 11.0680**, and if you desaturate by 10%, it is **15.9226, 18.0393, 17.1393**.

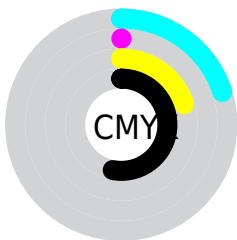
Distribution



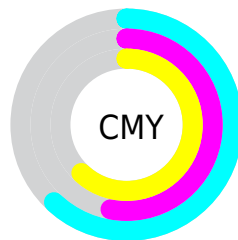
- Red (38%)
- Green (47%)
- Blue (38%)



- Red (38%)
- Yellow (47%)
- Blue (47%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (53%)



- Cyan (62%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9248, 17.0792, 13.8720 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 13.9248, 17.0792, 13.8720 by changing the saturation by 10% instead.

■ 13.9248, 17.0792,
13.8720

■ 13.9248, 17.0792,
13.8720

210.2825,
235.6284, 227.8338

■ 8.1497, 10.2910,
7.8940

■ 32.5429, 38.4619,
33.5756

■ 4.2435, 5.5923,
3.9404

■ 46.1167, 53.8252,
48.1382

■ 1.8408, 2.5988,
1.5927

■ 63.0207, 72.8156,
66.3995

■ 0.5421, 0.9261,
0.2856

■ 83.6204, 95.8175,
88.7779

■ 0.0000, 0.0000,
0.0000

108.2810,
123.2153, 115.6919

137.3680,

155.3935, 147.5603

171.2467,
192.7364, 184.8013

■ 13.9248, 17.0792,
13.8720

■ 13.9248, 17.0792,
13.8720

■ 12.2107, 16.2564,
11.0680

■ 15.9226, 18.0393,
17.1393

■ 10.7663, 15.5625,
8.7053

■ 18.2146, 19.1403,
20.8883

■ 9.5780, 14.9917,
6.7617

■ 20.8127, 20.3883,
25.1379

■ 8.6311, 14.5369,
5.2128

■ 23.7275, 21.7884,
29.9055

■ 7.9090, 14.1900,
4.0316

■ 26.9691, 23.3456,
35.2077

■ 7.3930, 13.9422,
3.1877

■ 30.5474, 25.0644,
41.0604

■ 7.0618, 13.7830,
2.6458

■ 34.4715, 26.9494,
47.4789

■ 6.8413, 13.6771,
2.2852

■ 38.7505, 29.0048,
54.4778

■ 6.8377, 13.6754,
2.2793

■ 43.3929, 31.2348,
62.0711

Harmonies

Analogous

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



15.0667, 17.0792, 11.7085



13.9248, 17.0792, 13.8720



13.4065, 17.0792, 17.5940

Triad

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



13.9248, 17.0792, 13.8720



15.8794, 17.0792, 28.6128



19.1794, 17.0792, 15.3779

Complementary

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



13.9248, 17.0792, 13.8720



15.6116, 13.9952, 19.9683

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.



19.4318, 17.0792, 19.6361



13.9248, 17.0792, 13.8720



17.4585, 17.0792, 27.7631

Square

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



13.9248, 17.0792, 13.8720



14.4868, 17.0792, 26.4507



18.7837, 17.0792, 24.2873



18.1147, 17.0792, 12.4746

Rectangle

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



13.9248, 17.0792, 13.8720



13.4590, 17.0792, 20.6558



18.7837, 17.0792, 24.2873



19.3648, 17.0792, 16.6785

Sweetspot

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



13.9253, 17.0799, 13.8724



29.9621, 32.9988, 33.0628



16.8810, 18.6036, 14.0105



6.8063, 7.5238, 7.4870



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



13.9253, 17.0799, 13.8724



23.4110, 29.8520, 22.3474



14.5279, 17.3210, 17.0460



3.9509, 4.4500, 4.2752



7.3273, 14.6546, 2.4425



34.9519, 69.9038, 11.6508

Inverse Universe

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



15.6116, 13.9952, 19.9683



27.0356, 23.2218, 35.4497



14.9207, 13.7188, 16.3301



4.1545, 4.0775, 5.0112



12.1484, 5.8355, 19.8702



57.9490, 27.8359, 94.7824

Previews

White Background



This preview shows how the XYZ color 13.9248, 17.0792, 13.8720 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 13.9248, 17.0792, 13.8720 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

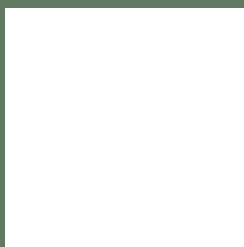
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9248, 17.0792, 13.8720

Background



This preview shows how black text looks on a background with the XYZ color 13.9248, 17.0792, 13.8720.



This preview shows how white text looks on a background with the XYZ color 13.9248, 17.0792,

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

13.9248, 17.0792, 13.8720

Protanopia

15.9229, 16.9077, 13.0140

Deuteranopia

17.1881, 16.8780, 14.1562



Tritanopia

15.6067, 17.0537, 22.2078

Trichromacy



Original Color

13.9248, 17.0792, 13.8720

Protanomaly

15.1089, 16.9935, 13.3102

Deuteranomaly

15.8297, 16.8384, 13.9711

Tritanomaly

14.8285, 16.9040, 18.7009

Monochromacy



Original Color

13.9248, 17.0792, 13.8720

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.6761, 16.3662, 16.0212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9248, 17.0792, 13.8720 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(97, 121, 97) looks like.

```
.text, #text, p{  
    color:rgb(97, 121, 97)  
}
```

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(97, 121, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 121, 97) }
```

Border

The CSS property to change the border of an element to XYZ 13.9248, 17.0792, 13.8720 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(97, 121, 97) }
```


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

```
.border{ border-color:rgb(97, 121, 97) }
```

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

Here you see how a box with a 4 pixel rgb(97, 121, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 121, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 121, 97);  
box-shadow:4px 4px 4px 4px rgb(97, 121,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9248, 17.0792, 13.8720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 121, 97) }
```

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

```
.background{ background-color: rgb(97, 121,  
97) }
```

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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