

Converting Colors

XYZ(15.1109, 17.7106, 10.8595)

Have a look what the booklet for
XYZ(15.1109, 17.7106, 10.8595)
contains.

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Color

**XYZ(15.0808, 17.7440,
10.8137)**

Conversions

Conversions Part 1

Format	Color
Hex	707953
RGB	112, 121, 83
RGB Percent	44%, 47%, 33%
CMY	0.5608, 0.5255, 0.6745
CMYK	0.07, 0.00, 0.31, 0.53
HSL	74°, 19%, 40%
HSV	74°, 31%, 47%
XYZ	15.0808, 17.7440, 10.8137
YIQ	113.9770, 6.8340, -13.7260

Conversions

Conversions Part 2

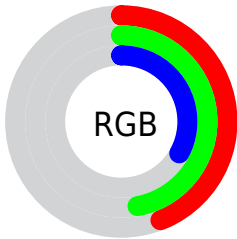
Format	Color
RYB	83, 121, 92
Decimal	7371091
CIELab	49.18, -10.28, 19.77
CIELCh	49, 22.281, 117.478
Yxy	17.7440, 0.3456, 0.4066
Android (android.graphics.Color)	4285561171 (0xFF707953)
YUV	113.9770, -15.2717, -1.7338
Hunter-Lab	42.1236, -9.8111, 14.2660

Details

The XYZ color **15.0808, 17.7440, 10.8137** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.9587, 9.8428, 19.4124**, and the grayscale version is **16.0306, 16.8654, 18.3665**.

A 20% lighter version of the original color is **34.4871, 39.4731, 27.9917**, and **4.8308, 5.9886, 2.6516** is the 20% darker color. If you saturate the color by 10%, you get **14.2950, 17.3888, 8.5475**, and if you desaturate by 10%, it is **15.9607, 18.1394, 13.5107**.

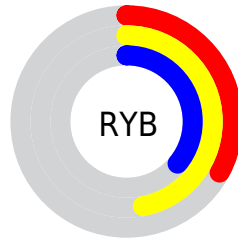
Distribution



Red (44%)

Green (47%)

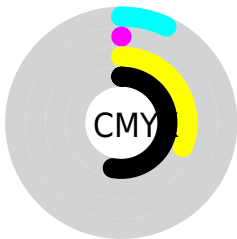
Blue (33%)



Red (33%)

Yellow (47%)

Blue (36%)

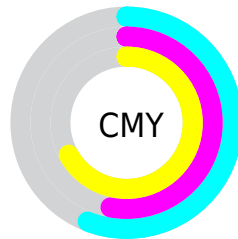


Cyan (7%)

Magenta (0%)

Yellow (31%)

Black (53%)



Cyan (56%)

Magenta (53%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0808, 17.7440, 10.8137 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 15.0808, 17.7440, 10.8137 by changing the saturation by 10% instead.

■ 15.0808, 17.7440,
10.8137

■ 15.0808, 17.7440,
10.8137

217.2335,
239.4241, 207.0763

■ 8.9628, 10.7663,
5.8291

■ 34.5654, 39.6006,
27.9465

■ 4.7738, 5.9099,
2.6743

■ 48.6626, 55.2484,
40.9318

■ 2.1486, 2.7904,
0.9305

■ 66.1504, 74.5550,
57.4211

■ 0.7154, 1.0233,
0.0000

■ 87.3939, 97.9048,
77.8329

■ 0.0000, 0.0000,
0.0000

■ 112.7586,
125.6822, 102.5858

142.6099,

158.2716, 132.0983

177.3131,
196.0575, 166.7889

■ 15.0808, 17.7440,
10.8137

■ 15.0808, 17.7440,
10.8137

■ 14.2950, 17.3888,
8.5475

■ 15.9607, 18.1394,
13.5107

■ 13.5977, 17.0697,
6.6887

■ 16.9373, 18.5742,
16.6581

■ 12.9844, 16.7856,
5.2133

■ 18.0149, 19.0508,
20.2757

■ 12.4500, 16.5343,
4.0944

■ 19.1971, 19.5705,
24.3817

■ 11.9886, 16.3136,
3.3015

■ 20.4872, 20.1349,
28.9933

■ 11.5934, 16.1205,
2.7992

■ 21.8885, 20.7451,
34.1271

■ 11.2852, 15.9682,
2.4874

■ 23.4041, 21.4024,
39.7986

■ 25.0368, 22.1081,
46.0229

■ 26.7896, 22.8632,
52.8144

Harmonies

Analogous

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



17.0423, 17.7440, 9.9642



15.0808, 17.7440, 10.8137



13.7033, 17.7440, 13.7775

Triad

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



15.0808, 17.7440, 10.8137



14.7987, 17.7440, 30.7188



21.1994, 17.7440, 19.8303

Complementary

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



15.0808, 17.7440, 10.8137



10.9587, 9.8428, 19.4124

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.



20.4794, 17.7440, 26.1798



15.0808, 17.7440, 10.8137



16.6892, 17.7440, 33.2235

Square

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



15.0808, 17.7440, 10.8137



13.5501, 17.7440, 25.1218



18.7850, 17.7440, 31.4128



20.6810, 17.7440, 14.4885

Rectangle

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



15.0808, 17.7440, 10.8137



13.2438, 17.7440, 16.9344



18.7850, 17.7440, 31.4128



21.0929, 17.7440, 21.9202

Sweetspot

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



15.0813, 17.7448, 10.8141



30.7338, 33.4393, 31.1685



13.2627, 12.3212, 9.8631



6.9761, 7.6232, 6.9569



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.



15.0813, 17.7448, 10.8141



25.9280, 31.2875, 16.2333



12.9270, 16.6342, 10.7133



4.2194, 4.5884, 4.2878



12.0830, 17.1062, 2.6650



56.8537, 81.1946, 12.6756

Inverse Universe

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



10.9587, 9.8428, 19.4124



17.2644, 14.6730, 34.3151



13.0838, 10.9383, 19.5118



3.8784, 3.9352, 4.9983



4.2223, 1.7494, 19.5004



19.4938, 8.0114, 92.9887

Previews

White Background



This preview shows how the XYZ color 15.0808, 17.7440, 10.8137 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 15.0808, 17.7440, 10.8137 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

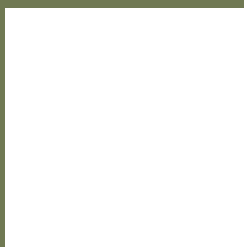
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0808, 17.7440, 10.8137

Background



This preview shows how black text looks on a background with the XYZ color 15.0808, 17.7440, 10.8137.



This preview shows how white text looks on a background with the XYZ color 15.0808, 17.7440,

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

15.0808, 17.7440, 10.8137

Protanopia

16.4507, 17.7523, 10.3441

Deuteranopia

17.9151, 17.6475, 11.0564



Tritanopia

17.4183, 17.8230, 21.9242

Trichromacy



Original Color

15.0808, 17.7440, 10.8137

Protanomaly

15.8866, 17.6310, 10.5485

Deuteranomaly

16.7842, 17.5687, 10.8940

Tritanomaly

16.4954, 17.7957, 17.3174

Monochromacy



Original Color

15.0808, 17.7440, 10.8137

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.6195, 17.2126, 15.3311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0808, 17.7440, 10.8137 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(112, 121, 83)` looks like.

```
.text, #text, p{  
    color:rgb(112, 121, 83)  
}
```

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(112, 121, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 121, 83) }
```

Border

The CSS property to change the border of an element to XYZ 15.0808, 17.7440, 10.8137 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(112, 121, 83) }
```


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

```
.border{ border-color:rgb(112, 121, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 121, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 121, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 121, 83);  
box-shadow:4px 4px 4px 4px rgb(112, 121,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0808, 17.7440, 10.8137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 121, 83) }
```

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

```
.background{ background-color: rgb(112,  
121, 83) }
```

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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