

Converting Colors

XYZ(17.5750, 17.5059, 10.0810)

Have a look what the booklet for
XYZ(17.5750, 17.5059, 10.0810)
contains.

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Color

**XYZ(17.5587, 17.4859,
10.0391)**

Conversions

Conversions Part 1

Format	Color
Hex	897050
RGB	137, 112, 80
RGB Percent	54%, 44%, 31%
CMY	0.4627, 0.5608, 0.6863
CMYK	0.00, 0.18, 0.42, 0.46
HSL	34°, 26%, 43%
HSV	34°, 42%, 54%
XYZ	17.5587, 17.4859, 10.0391
YIQ	115.8270, 25.1720, -4.6520

Conversions

Conversions Part 2

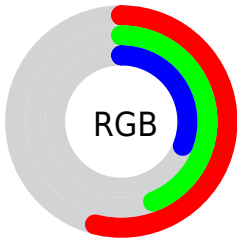
Format	Color
R_{YB}	125, 137, 80
Decimal	9007184
CIE Lab	48.87, 5.17, 21.49
CIE LCh	49, 22.099, 76.474
Yxy	17.4859, 0.3895, 0.3879
Android (android.graphics.Color)	4287197264 (0xFF897050)
YUV	115.8270, -17.6627, 18.5687
Hunter-Lab	41.8161, 1.7743, 15.0371

Details

The XYZ color **17.5587, 17.4859, 10.0391** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.8751, 13.6144, 25.6162**, and the grayscale version is **16.5948, 17.4590, 19.0129**.

A 20% lighter version of the original color is **38.7906, 39.2390, 26.6485**, and **5.9745, 5.7666, 2.3883** is the 20% darker color. If you saturate the color by 10%, you get **16.4624, 16.0224, 7.4259**, and if you desaturate by 10%, it is **18.8034, 19.0808, 13.2114**.

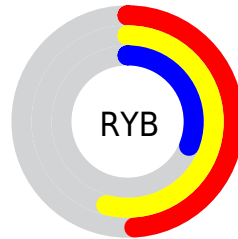
Distribution



Red (54%)

Green (44%)

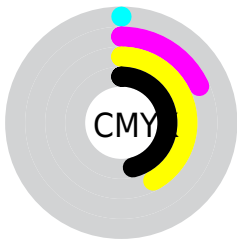
Blue (31%)



Red (49%)

Yellow (54%)

Blue (31%)

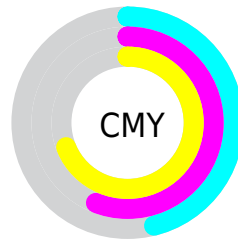


Cyan (0%)

Magenta (18%)

Yellow (42%)

Black (46%)



Cyan (46%)

Magenta (56%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5587, 17.4859, 10.0391 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 17.5587, 17.4859, 10.0391 by changing the saturation by 10% instead.

■ 17.5587, 17.4859,
10.0391

■ 17.5587, 17.4859,
10.0391

231.4658,
237.9571, 201.4459

■ 10.7314, 10.5815,
5.3189

■ 38.8199, 39.1593,
26.4780

■ 5.9525, 5.7862,
2.3736

■ 53.9845, 54.6972,
39.0338

■ 2.8566, 2.7155,
0.7720

■ 72.6590, 73.8817,
55.0386

■ 1.0784, 0.9851,
0.0000

■ 95.2086, 97.0972,
74.9109

■ 0.0069, 0.0000,
0.0000

■ 121.9987,
124.7281, 99.0692

■ 0.0000, 0.0000,
0.0000

153.3947,

157.1587, 127.9321

189.7619,
194.7736, 161.9181

■ 17.5587, 17.4859,
10.0391

■ 17.5587, 17.4859,
10.0391

■ 16.4624, 16.0224,
7.4259

■ 18.8034, 19.0808,
13.2114

■ 15.5060, 14.6837,
5.3372

■ 20.2017, 20.8086,
16.9726

■ 14.6820, 13.4660,
3.7362

■ 21.7603, 22.6740,
21.3514

■ 13.9816, 12.3642,
2.5807

■ 23.4850, 24.6805,
26.3744

■ 13.3944, 11.3728,
1.8212

■ 25.3812, 26.8315,
32.0667

■ 12.9648, 10.6149,
1.3656

■ 27.4541, 29.1303,
38.4520

■ 29.7088, 31.5801,
45.5529

■ 32.1499, 34.1839,
53.3907

■ 34.7821, 36.9447,
61.9862

Harmonies

Analogous

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



19.4842, 17.4859, 11.9724



17.5587, 17.4859, 10.0391



15.5272, 17.4859, 10.1375

Triad

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



17.5587, 17.4859, 10.0391



13.1200, 17.4859, 22.4223



19.6440, 17.4859, 27.9176

Complementary

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



17.5587, 17.4859, 10.0391



12.8751, 13.6144, 25.6162

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.



17.7626, 17.4859, 32.0425



17.5587, 17.4859, 10.0391



14.0509, 17.4859, 28.4507

Square

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



17.5587, 17.4859, 10.0391



13.0752, 17.4859, 16.5195



15.7150, 17.4859, 32.2555



20.7533, 17.4859, 21.8028

Rectangle

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



17.5587, 17.4859, 10.0391



14.3855, 17.4859, 11.3292



15.7150, 17.4859, 32.2555



19.0743, 17.4859, 29.6332

Sweetspot

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



17.5591, 17.4867, 10.0395



38.7754, 40.3768, 37.6839



15.7687, 12.0892, 15.0430



8.6273, 8.9737, 8.2533



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.5591, 17.4867, 10.0395



29.5736, 28.8194, 13.5103



20.2492, 23.5513, 11.0682



5.2505, 5.4838, 5.3341



12.0887, 9.9118, 1.2760



0.0949, 0.0951, 0.0133

Inverse Universe

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



12.8751, 13.6144, 25.6162



20.0002, 20.9110, 45.3653



10.9383, 9.3759, 24.9002



4.9433, 5.2296, 6.3547



5.7267, 4.7238, 22.6556



0.0522, 0.0597, 0.1552

Previews

White Background



This preview shows how the XYZ color 17.5587, 17.4859, 10.0391 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 17.5587, 17.4859, 10.0391 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 17.5587, 17.4859, 10.0391

Background



This preview shows how black text looks on a background with the XYZ color 17.5587, 17.4859, 10.0391.



This preview shows how white text looks on a background with the XYZ color 17.5587, 17.4859,

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

17.5587, 17.4859, 10.0391

Protanopia

16.2258, 17.4600, 10.4976

Deuteranopia

17.7799, 17.4370, 10.0180



Tritanopia

19.3946, 17.4391, 18.8669

Trichromacy



Original Color

17.5587, 17.4859, 10.0391

Protanomaly

16.6692, 17.5227, 10.2882

Deuteranomaly

17.6136, 17.3513, 10.0102

Tritanomaly

18.7320, 17.4920, 15.2210

Monochromacy



Original Color

17.5587, 17.4859, 10.0391

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.8911, 17.5258, 15.3245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5587, 17.4859, 10.0391 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(137, 112, 80)` looks like.

```
.text, #text, p{  
    color:rgb(137, 112, 80)  
}
```

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(137, 112, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 112, 80) }
```

Border

The CSS property to change the border of an element to XYZ 17.5587, 17.4859, 10.0391 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(137, 112, 80) }
```


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

```
.border{ border-color:rgb(137, 112, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 112, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 112, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 112, 80);  
box-shadow:4px 4px 4px 4px rgb(137, 112,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5587, 17.4859, 10.0391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 112, 80) }
```

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

```
.background{ background-color: rgb(137,  
112, 80) }
```

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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