

Converting Colors

XYZ(17.5946, 12.7792, 7.3336)

Have a look what the booklet for
XYZ(17.5946, 12.7792, 7.3336)
contains.

XYZ(17.5946, 12.7792, 7.3336)	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(17.5946, 12.7792,
7.3336)**

Conversions

Conversions Part 1

Format	Color
Hex	9D4C46
RGB	157, 76, 70
RGB Percent	62%, 30%, 27%
CMY	0.3843, 0.7019, 0.7255
CMYK	0.00, 0.52, 0.55, 0.38
HSL	4°, 38%, 45%
HSV	4°, 55%, 62%
XYZ	17.5946, 12.7792, 7.3336
YIQ	99.5350, 50.2020, 15.3060

Conversions

Conversions Part 2

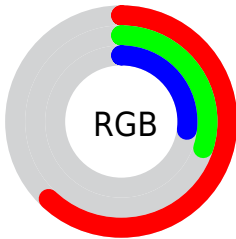
Format	Color
R _Y B	157, 76, 70
Decimal	10308678
CIE Lab	42.43, 33.11, 19.37
CIE LCh	42, 38.359, 30.321
Yxy	12.7792, 0.4666, 0.3389
Android (android.graphics.Color)	4288498758 (0xFF9D4C46)
YUV	99.5350, -14.5608, 50.3968
Hunter-Lab	35.7480, 25.2958, 12.8604

Details

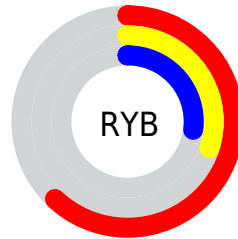
The XYZ color **17.5946, 12.7792, 7.3336** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **19.6775, 25.8681, 35.8542**, and the grayscale version is **12.0221, 12.6482, 13.7739**.

A 20% lighter version of the original color is **38.8837, 30.9338, 21.0610**, and **5.9566, 3.6297, 1.4236** is the 20% darker color. If you saturate the color by 10%, you get **16.2671, 10.8164, 4.7575**, and if you desaturate by 10%, it is **19.2811, 15.2528, 10.6688**.

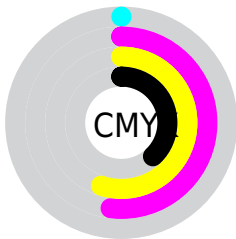
Distribution



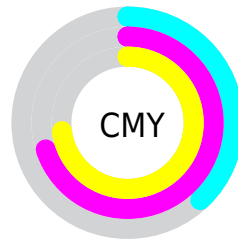
- Red (62%)
- Green (30%)
- Blue (27%)



- Red (62%)
- Yellow (30%)
- Blue (27%)



- Cyan (0%)
- Magenta (52%)
- Yellow (55%)
- Black (38%)





- Cyan (38%)
- Magenta (70%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.5946, 12.7792, 7.3336 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 17.5946, 12.7792, 7.3336 by changing the saturation by 10% instead.


 17.5946, 12.7792,
7.3336


 17.5946, 12.7792,
7.3336

231.6660,
209.4977, 180.1423


 10.7572, 7.2767,
3.5900


 38.8808, 30.9065,
21.1654


 5.9699, 3.6357,
1.4032


 54.0604, 44.3001,
32.0908


 2.8673, 1.4720,
0.1442

 72.7515, 61.0929,
46.2471

 1.0840, 0.2689,
0.0000

 95.3193, 81.6692,
64.0529

 0.0116, 0.0000,
0.0000

 122.1294,
106.4134, 85.9268

 0.0000, 0.0000,
0.0000

153.5469,

135.7100, 112.2873

189.9373,
169.9433, 143.5530

■ 17.5946, 12.7792,
7.3336

■ 17.5946, 12.7792,
7.3336

■ 16.2671, 10.8164,
4.7575

■ 19.2811, 15.2528,
10.6688

■ 15.2717, 9.3268,
2.8803

■ 21.3491, 18.2672,
14.8157

■ 14.5790, 8.2710,
1.6335

■ 23.8204, 21.8527,
19.8231

■ 14.1530, 7.6017,
0.9281

■ 26.7148, 26.0366,
25.7356

■ 14.0224, 7.4037,
0.6900

■ 30.0508, 30.8445,
32.5948

■ 33.8460, 36.3006,
40.4397

■ 38.1168, 42.4275,
49.3072

■ 42.8788, 49.2472,
59.2321

■ 48.1471, 56.7802,
70.2477

Harmonies

Analogous

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



18.5845, 12.7792, 13.8255



17.5946, 12.7792, 7.3336



15.1067, 12.7792, 4.1694

Triad

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



17.5946, 12.7792, 7.3336



7.9342, 12.7792, 7.4348



12.1774, 12.7792, 36.6296

Complementary

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



17.5946, 12.7792, 7.3336



19.6775, 25.8681, 35.8542

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.



9.6002, 12.7792, 32.7966



17.5946, 12.7792, 7.3336



7.3987, 12.7792, 14.0037

Square

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



17.5946, 12.7792, 7.3336



9.5542, 12.7792, 4.2095



7.9577, 12.7792, 23.5804



15.1692, 12.7792, 32.6390

Rectangle

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



17.5946, 12.7792, 7.3336



13.1034, 12.7792, 3.3912



7.9577, 12.7792, 23.5804



11.2368, 12.7792, 36.2004

Sweetspot

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



17.5949, 12.7799, 7.3338



46.7914, 45.1101, 43.9348



21.6970, 13.7893, 30.8814



10.0812, 9.6156, 9.2277



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.5949, 12.7799, 7.3338



28.7582, 18.8135, 7.8046



21.6427, 20.8755, 8.6831



6.6680, 6.7160, 6.9305



11.4001, 6.0358, 0.5642



0.2134, 0.1270, 0.0133

Inverse Universe

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



19.6775, 25.8681, 35.8542



32.8285, 44.5372, 63.9930



13.9426, 14.3984, 33.9426



6.7827, 7.4311, 8.4835



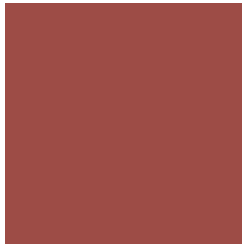
13.3227, 18.7369, 28.8216



0.2487, 0.3560, 0.5188

Previews

White Background



This preview shows how the XYZ color 17.5946, 12.7792, 7.3336 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 17.5946, 12.7792, 7.3336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

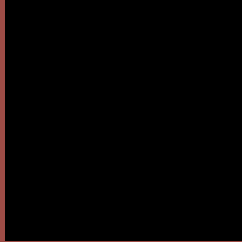
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.5946, 12.7792, 7.3336

Background



This preview shows how black text looks on a background with the XYZ color 17.5946, 12.7792, 7.3336.



This preview shows how white text looks on a background with the XYZ color 17.5946, 12.7792,

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

17.5946, 12.7792, 7.3336

Protanopia

12.2023, 13.0272, 9.6560

Deuteranopia

13.0514, 12.8240, 6.9417



Tritanopia

18.0646, 12.8804, 9.1235

Trichromacy



Original Color

17.5946, 12.7792, 7.3336

Protanomaly

13.6241, 12.5501, 8.7255

Deuteranomaly

14.4170, 12.6183, 6.9859

Tritanomaly

17.9211, 12.8231, 8.3680

Monochromacy



Original Color

17.5946, 12.7792, 7.3336

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

13.4294, 12.2684, 11.1114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5946, 12.7792, 7.3336 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(157, 76, 70)` looks like.

```
.text, #text, p{  
    color:rgb(157, 76, 70)  
}
```

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(157, 76, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 76, 70) }
```

Border

The CSS property to change the border of an element to XYZ 17.5946, 12.7792, 7.3336 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(157, 76, 70) }
```


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

```
.border{ border-color:rgb(157, 76, 70) }
```

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

Here you see how a box with a 4 pixel rgb(157, 76, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 76, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 76, 70);  
box-shadow:4px 4px 4px 4px rgb(157, 76,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5946, 12.7792, 7.3336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 76, 70) }
```

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

```
.background{ background-color: rgb(157, 76,  
70) }
```

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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