

Converting Colors

XYZ(13.7958, 12.4874, 9.8245)

Have a look what the booklet for
XYZ(13.7958, 12.4874, 9.8245)
contains.

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Color

**XYZ(13.7599, 12.4667,
9.8647)**

Conversions

Conversions Part 1

Format	Color
Hex	7D5B53
RGB	125, 91, 83
RGB Percent	49%, 36%, 33%
CMY	0.5098, 0.6431, 0.6745
CMYK	0.00, 0.27, 0.34, 0.51
HSL	11°, 20%, 41%
HSV	11°, 34%, 49%
XYZ	13.7599, 12.4667, 9.8647
YIQ	100.2540, 22.8320, 4.7200

Conversions

Conversions Part 2

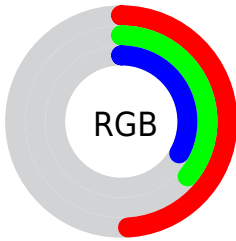
Format	Color
R_{YB}	125, 93, 83
Decimal	8215379
CIE Lab	41.95, 12.76, 10.08
CIE LCh	42, 16.266, 38.315
Yxy	12.4667, 0.3813, 0.3454
Android (android.graphics.Color)	4286405459 (0xFF7D5B53)
YUV	100.2540, -8.5062, 21.7022
Hunter-Lab	35.3082, 7.7735, 8.1508

Details

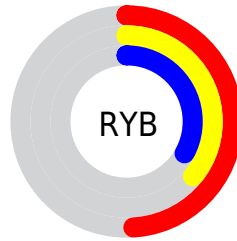
The XYZ color **13.7599, 12.4667, 9.8647** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.6301, 16.0418, 21.7801**, and the grayscale version is **12.1953, 12.8304, 13.9723**.

A 20% lighter version of the original color is **32.2801, 30.2994, 25.9768**, and **4.1899, 3.5126, 2.2909** is the 20% darker color. If you saturate the color by 10%, you get **12.5128, 10.6763, 7.2788**, and if you desaturate by 10%, it is **15.2114, 14.5264, 12.9483**.

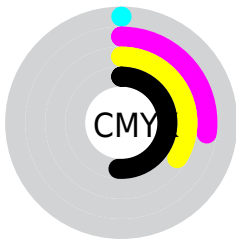
Distribution



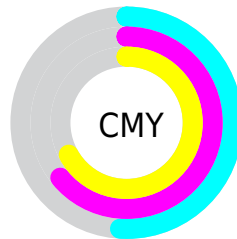
- Red (49%)
- Green (36%)
- Blue (33%)



- Red (49%)
- Yellow (36%)
- Blue (33%)



- Cyan (0%)
- Magenta (27%)
- Yellow (34%)
- Black (51%)



- Cyan (51%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7599, 12.4667, 9.8647 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 13.7599, 12.4667, 9.8647 by changing the saturation by 10% instead.

■ 13.7599, 12.4667,
9.8647

■ 13.7599, 12.4667,
9.8647

209.2726,
207.4709, 200.1533

■ 8.0344, 7.0624,
5.2049

■ 32.2522, 30.3423,
26.1445

■ 4.1690, 3.5011,
2.3072

■ 45.7498, 43.5823,
38.6016

■ 1.7982, 1.3986,
0.7352

■ 62.5688, 60.2031,
54.4950

■ 0.5166, 0.2157,
0.0000

■ 83.0746, 80.5889,
74.2430

■ 0.0000, 0.0000,
0.0000

■ 107.6325,
105.1242, 98.2643

136.6079,

134.1934, 126.9774

170.3662,
168.1808, 160.8009

■ 13.7599, 12.4667,
9.8647

■ 13.7599, 12.4667,
9.8647

■ 12.5128, 10.6763,
7.2788

■ 15.2114, 14.5264,
12.9483

■ 11.4597, 9.1424,
5.1637

■ 16.8750, 16.8640,
16.5533

■ 10.5909, 7.8534,
3.4911

■ 18.7591, 19.4902,
20.7024

■ 9.8954, 6.7966,
2.2292

■ 20.8716, 22.4144,
25.4170

■ 9.3610, 5.9578,
1.3420

■ 23.2199, 25.6454,
30.7173

■ 8.9731, 5.3210,
0.7839

■ 25.8108, 29.1921,
36.6224

■ 8.7804, 5.0058,
0.5034

■ 28.6513, 33.0625,
43.1508

■ 31.7478, 37.2648,
50.3198

■ 35.1064, 41.8065,
58.1464

Harmonies

Analogous

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



14.2906, 12.4667, 12.6377



13.7599, 12.4667, 9.8647



12.7253, 12.4667, 8.2986

Triad

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



13.7599, 12.4667, 9.8647



9.8257, 12.4667, 11.2689



12.1872, 12.4667, 21.2476

Complementary

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



13.7599, 12.4667, 9.8647



13.6301, 16.0418, 21.7801

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.



11.0143, 12.4667, 20.7136



13.7599, 12.4667, 9.8647



9.7031, 12.4667, 14.5557

Square

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



13.7599, 12.4667, 9.8647



10.4712, 12.4667, 9.0085



10.1242, 12.4667, 18.1133



13.3432, 12.4667, 19.4686

Rectangle

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



13.7599, 12.4667, 9.8647



11.9174, 12.4667, 7.9672



10.1242, 12.4667, 18.1133



11.7813, 12.4667, 21.3378

Sweetspot

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



13.7602, 12.4673, 9.8650



31.3070, 31.7199, 32.0269



14.7794, 11.8381, 18.4284



7.0355, 7.0954, 7.0968



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.7602, 12.4673, 9.8650



22.9608, 19.9174, 14.1698



15.7800, 16.5069, 10.5382



4.3890, 4.4667, 4.5510



9.1598, 5.2160, 0.5240



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.6301, 16.0418, 21.7801



22.6854, 27.3003, 38.8182



11.4794, 11.7404, 21.0632



4.3790, 4.7520, 5.4997



8.7342, 11.2869, 21.9682



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.7599, 12.4667, 9.8647 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 13.7599, 12.4667, 9.8647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

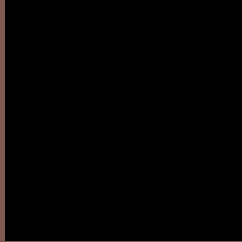
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.7599, 12.4667, 9.8647

Background



This preview shows how black text looks on a background with the XYZ color 13.7599, 12.4667, 9.8647.



This preview shows how white text looks on a background with the XYZ color 13.7599, 12.4667,

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

13.7599, 12.4667, 9.8647

Protanopia

11.8911, 12.5549, 10.8134

Deuteranopia

12.6854, 12.4385, 9.7149



Tritanopia

14.2879, 12.4249, 12.7115

Trichromacy



Original Color

13.7599, 12.4667, 9.8647

Protanomaly

12.5447, 12.4824, 10.5523

Deuteranomaly

13.1334, 12.5365, 9.7102

Tritanomaly

14.1487, 12.5033, 11.5652

Monochromacy



Original Color

13.7599, 12.4667, 9.8647

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.6017, 12.6088, 12.3592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7599, 12.4667, 9.8647 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(125, 91, 83)` looks like.

```
.text, #text, p{  
    color:rgb(125, 91, 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(125, 91, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 91, 83) }
```

Border

The CSS property to change the border of an element to XYZ 13.7599, 12.4667, 9.8647 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(125, 91, 83) }
```


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

```
.border{ border-color:rgb(125, 91, 83) }
```

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

Here you see how a box with a 4 pixel rgb(125, 91, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 91, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 91, 83);  
box-shadow:4px 4px 4px 4px rgb(125, 91,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7599, 12.4667, 9.8647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 91, 83) }
```

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

```
.background{ background-color: rgb(125, 91,  
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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