

Converting Colors

XYZ(15.4677, 16.0817, 9.7884)

Have a look what the booklet for
XYZ(15.4677, 16.0817, 9.7884)
contains.

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Color

**XYZ(15.4813, 16.0910,
9.8793)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6E50
RGB	125, 110, 80
RGB Percent	49%, 43%, 31%
CMY	0.5098, 0.5686, 0.6863
CMYK	0.00, 0.12, 0.36, 0.51
HSL	40°, 22%, 40%
HSV	40°, 36%, 49%
XYZ	15.4813, 16.0910, 9.8793
YIQ	111.0650, 18.5700, -6.1500

Conversions

Conversions Part 2

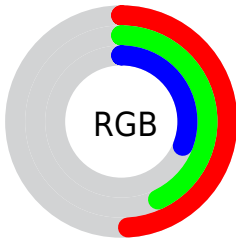
Format	Color
RYB	103, 125, 80
Decimal	8220240
CIELab	47.09, 1.11, 18.91
CIElCh	47, 18.944, 86.654
Yxy	16.0910, 0.3735, 0.3882
Android (android.graphics.Color)	4286410320 (0xFF7D6E50)
YUV	111.0650, -15.3150, 12.2210
Hunter-Lab	40.1136, -1.3091, 13.4774

Details

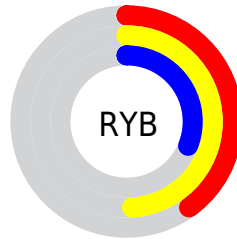
The XYZ color **15.4813, 16.0910, 9.8793** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.1020, 11.3701, 21.0115**, and the grayscale version is **15.1679, 15.9578, 17.3780**.

A 20% lighter version of the original color is **35.0674, 36.5397, 25.9735**, and **4.9825, 5.1722, 2.3258** is the 20% darker color. If you saturate the color by 10%, you get **14.6229, 15.0459, 7.5228**, and if you desaturate by 10%, it is **16.4476, 17.2143, 12.6962**.

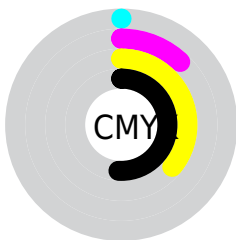
Distribution



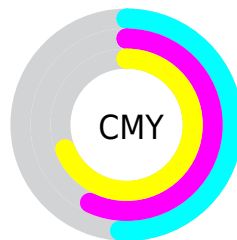
- Red (49%)
- Green (43%)
- Blue (31%)



- Red (40%)
- Yellow (49%)
- Blue (31%)



- Cyan (0%)
- Magenta (12%)
- Yellow (36%)
- Black (51%)



- Cyan (51%)
- Magenta (57%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4813, 16.0910, 9.8793 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 15.4813, 16.0910, 9.8793 by changing the saturation by 10% instead.

■ 15.4813, 16.0910,
9.8793

■ 15.4813, 16.0910,
9.8793

219.5923,
229.8781, 200.2619

■ 9.2464, 9.5886,
5.2144

■ 35.2601, 36.7561,
26.1725

■ 4.9606, 5.1270,
2.3127

■ 49.5347, 51.6876,
38.6379

■ 2.2587, 2.3220,
0.7383

■ 67.2199, 70.1975,
54.5406

■ 0.7734, 0.7853,
0.0000

■ 88.6810, 92.6703,
74.2991

■ 0.0000, 0.0000,
0.0000

■ 114.2835,
119.4904, 98.3319

144.3926,

151.0421, 127.0576

179.3738,
187.7099, 160.8947

■ 15.4813, 16.0910,
9.8793

■ 15.4813, 16.0910,
9.8793

■ 14.6229, 15.0459,
7.5228

■ 16.4476, 17.2143,
12.6962

■ 13.8662, 14.0742,
5.6003

■ 17.5252, 18.4158,
15.9958

■ 13.2060, 13.1739,
4.0846

■ 18.7190, 19.6985,
19.8000

■ 12.6361, 12.3423,
2.9447

■ 20.0331, 21.0644,
24.1294

■ 12.1495, 11.5758,
2.1451

■ 21.4714, 22.5156,
29.0030

■ 11.7340, 10.8693,
1.6231

■ 23.0376, 24.0539,
34.4393

■ 11.5769, 10.5989,
1.4356

■ 24.7352, 25.6812,
40.4557

■ 26.5677, 27.3993,
47.0687

■ 28.5383, 29.2098,
54.2945

Harmonies

Analogous

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



17.1190, 16.0910, 10.9325



15.4813, 16.0910, 9.8793



13.9046, 16.0910, 10.5471

Triad

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



15.4813, 16.0910, 9.8793



12.6118, 16.0910, 21.9556



18.1222, 16.0910, 23.0488

Complementary

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



15.4813, 16.0910, 9.8793



11.1020, 11.3701, 21.0115

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.



16.7730, 16.0910, 27.0400



15.4813, 16.0910, 9.8793



13.6036, 16.0910, 26.3329

Square

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



15.4813, 16.0910, 9.8793



12.3202, 16.0910, 16.9916



15.1082, 16.0910, 28.3385



18.7116, 16.0910, 18.0600

Rectangle

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



15.4813, 16.0910, 9.8793



13.0855, 16.0910, 11.9587



15.1082, 16.0910, 28.3385



17.7380, 16.0910, 24.5840

Sweetspot

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



15.4817, 16.0917, 9.8796



32.3690, 34.0472, 31.7542



13.3917, 10.9236, 12.2292



7.3111, 7.6888, 7.0586



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.



15.4817, 16.0917, 9.8796



26.4729, 27.3000, 14.2356



16.1851, 19.0630, 10.4161



4.5484, 4.7854, 4.6041



12.0763, 11.0489, 1.4962



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.1020, 11.3701, 21.0115



17.4383, 17.5657, 37.2158



10.5478, 9.2685, 20.6350



4.2169, 4.4278, 5.4457



4.7089, 3.2363, 20.6264



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.4813, 16.0910, 9.8793 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 15.4813, 16.0910, 9.8793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

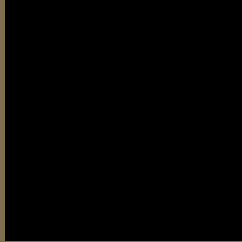
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.4813, 16.0910, 9.8793

Background



This preview shows how black text looks on a background with the XYZ color 15.4813, 16.0910, 9.8793.



This preview shows how white text looks on a background with the XYZ color 15.4813, 16.0910,

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

15.4813, 16.0910, 9.8793

Protanopia

15.0251, 16.1755, 10.1149

Deuteranopia

16.4158, 16.0960, 10.0262



Tritanopia

17.2446, 16.1901, 18.1357

Trichromacy



Original Color

15.4813, 16.0910, 9.8793

Protanomaly

15.1957, 16.1005, 10.0914

Deuteranomaly

16.0537, 16.0650, 10.0393

Tritanomaly

16.5581, 16.0639, 14.7983

Monochromacy



Original Color

15.4813, 16.0910, 9.8793

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.1871, 16.0020, 14.3448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4813, 16.0910, 9.8793 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, 110, 80)` looks like.

```
.text, #text, p{  
    color:rgb(125, 110, 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(125, 110, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 110, 80) }
```

Border

The CSS property to change the border of an element to XYZ 15.4813, 16.0910, 9.8793 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, 110, 80) }
```


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

```
.border{ border-color:rgb(125, 110, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 110, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 110, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 110, 80);  
box-shadow:4px 4px 4px 4px rgb(125, 110,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4813, 16.0910, 9.8793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 110, 80) }
```

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

```
.background{ background-color: rgb(125,  
110, 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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