

Converting Colors

XYZ(18.5230, 14.5414, 7.6277)

Have a look what the booklet for
XYZ(18.5230, 14.5414, 7.6277)
contains.

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Color

**XYZ(18.4998, 14.5897,
7.6354)**

Conversions

Conversions Part 1

Format	Color
Hex	9D5846
RGB	157, 88, 70
RGB Percent	62%, 35%, 27%
CMY	0.3843, 0.6549, 0.7255
CMYK	0.00, 0.44, 0.55, 0.38
HSL	12°, 38%, 45%
HSV	12°, 55%, 62%
XYZ	18.4998, 14.5897, 7.6354
YIQ	106.5790, 46.9020, 9.0300

Conversions

Conversions Part 2

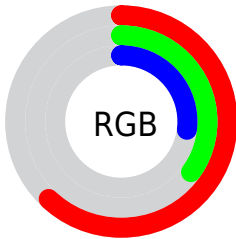
Format	Color
R_{YB}	157, 93, 70
Decimal	10311750
CIE _{Lab}	45.07, 26.55, 22.81
CIE _{LCh}	45, 35.001, 40.676
Yxy	14.5897, 0.4543, 0.3583
Android (android.graphics.Color)	4288501830 (0xFF9D5846)
YUV	106.5790, -18.0334, 44.2192
Hunter-Lab	38.1965, 19.6096, 14.8856

Details

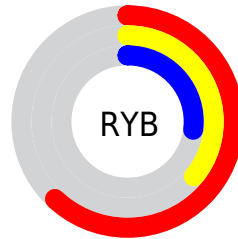
The XYZ color **18.4998, 14.5897, 7.6354** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.8436, 22.2005, 35.2428**, and the grayscale version is **13.8982, 14.6220, 15.9233**.

A 20% lighter version of the original color is **40.5867, 34.2442, 21.9234**, and **6.4589, 4.4852, 1.5026** is the 20% darker color. If you saturate the color by 10%, you get **17.1313, 12.5448, 5.0457**, and if you desaturate by 10%, it is **20.1732, 17.0371, 10.9663**.

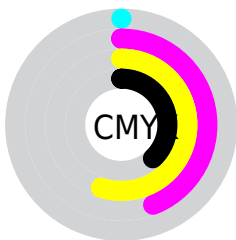
Distribution



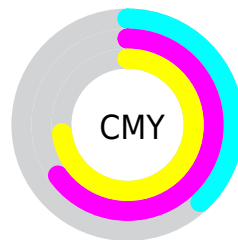
- Red (62%)
- Green (35%)
- Blue (27%)



- Red (62%)
- Yellow (36%)
- Blue (27%)



- Cyan (0%)
- Magenta (44%)
- Yellow (55%)
- Black (38%)





- Cyan (38%)
- Magenta (65%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 18.4998, 14.5897, 7.6354 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 18.4998, 14.5897, 7.6354 by changing the saturation by 10% instead.


 18.4998, 14.5897,
7.6354


 18.4998, 14.5897,
7.6354


236.6648,
220.8692, 182.6701


 11.4113, 8.5319,
3.7781


 40.4106, 34.1318,
21.7748


 6.4135, 4.4372,
1.5044


 55.9636, 48.3849,
32.8940


 3.1411, 1.9210,
0.2212


 75.0687, 66.1385,
47.2709

 1.2288, 0.5610,
0.0000

 98.0914, 87.7771,
65.3240

 0.1290, 0.0000,
0.0000

 125.3970,
113.6851, 87.4720

 0.0000, 0.0000,
0.0000

157.3509,

144.2469, 114.1333

194.3183,
179.8467, 145.7265

■ 18.4998, 14.5897,
7.6354

■ 18.4998, 14.5897,
7.6354

■ 17.1313, 12.5448,
5.0457

■ 20.1732, 17.0371,
10.9663

■ 16.0474, 10.8783,
3.1389

■ 22.1679, 19.9049,
15.0888

■ 15.2269, 9.5668,
1.8495

■ 24.5003, 23.2127,
20.0499

■ 14.6435, 8.5829,
1.0917

■ 27.1854, 26.9780,
25.8926

■ 14.4343, 8.2277,
0.8273

■ 30.2374, 31.2176,
32.6571

■ 33.6694, 35.9473,
40.3810

■ 37.4940, 41.1821,
49.0997

■ 41.7234, 46.9364,
58.8470

■ 46.3691, 53.2242,
69.6551

Harmonies

Analogous

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



20.0445, 14.5897, 13.1277



18.4998, 14.5897, 7.6354



15.7793, 14.5897, 5.1349

Triad

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



18.4998, 14.5897, 7.6354



9.2745, 14.5897, 11.1987



14.9173, 14.5897, 37.0941

Complementary

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



18.4998, 14.5897, 7.6354



17.8436, 22.2005, 35.2428

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.



12.1159, 14.5897, 36.0165



18.4998, 14.5897, 7.6354



9.1104, 14.5897, 19.0052

Square

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



18.4998, 14.5897, 7.6354



10.5650, 14.5897, 6.6451



10.0805, 14.5897, 28.6108



17.7942, 14.5897, 31.1849

Rectangle

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



18.4998, 14.5897, 7.6354



13.8019, 14.5897, 4.7264



10.0805, 14.5897, 28.6108



13.9325, 14.5897, 37.5770

Sweetspot

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



18.5002, 14.5905, 7.6357



47.7163, 46.9598, 44.2430



20.7989, 13.4301, 26.1526



10.3009, 10.0550, 9.3010



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.



18.5002, 14.5905, 7.6357



30.2825, 21.8621, 8.3127



23.1129, 23.8160, 9.1733



6.7388, 6.8575, 6.9541



11.7461, 6.7278, 0.6795



0.2363, 0.1728, 0.0209

Inverse Universe

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



17.8436, 22.2005, 35.2428



28.9312, 36.7426, 62.6939



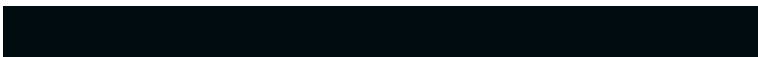
12.8037, 12.1205, 33.5628



6.7052, 7.2762, 8.4577



10.8757, 13.8429, 28.0060



0.2215, 0.3016, 0.5098

Previews

White Background



This preview shows how the XYZ color 18.4998, 14.5897, 7.6354 looks on a white background.

Color Contrast Check

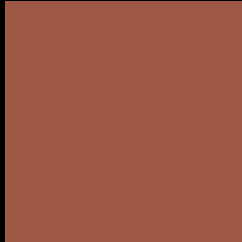
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.4998, 14.5897, 7.6354 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 18.4998, 14.5897, 7.6354

Background



This preview shows how black text looks on a background with the XYZ color 18.4998, 14.5897, 7.6354.



This preview shows how white text looks on a background with the XYZ color 18.4998, 14.5897,

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

18.4998, 14.5897, 7.6354

Protanopia

13.7031, 14.7103, 9.3249

Deuteranopia

14.8178, 14.5751, 7.3425



Tritanopia

19.2374, 14.5214, 11.6865

Trichromacy



Original Color

18.4998, 14.5897, 7.6354

Protanomaly

15.0331, 14.3682, 8.6376

Deuteranomaly

15.9655, 14.4557, 7.4176

Tritanomaly

18.9897, 14.5492, 9.9910

Monochromacy



Original Color

18.4998, 14.5897, 7.6354

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.0350, 14.2825, 12.5540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4998, 14.5897, 7.6354 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, 88, 70)` looks like.

```
.text, #text, p{  
    color:rgb(157, 88, 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, 88, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 88, 70) }
```

Border

The CSS property to change the border of an element to XYZ 18.4998, 14.5897, 7.6354 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, 88, 70) }
```


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

```
.border{ border-color:rgb(157, 88, 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, 88, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 88, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 88, 70);  
box-shadow:4px 4px 4px 4px rgb(157, 88,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4998, 14.5897, 7.6354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 88, 70) }
```

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

```
.background{ background-color: rgb(157, 88,  
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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