

Converting Colors

XYZ(13.2867, 11.8752, 8.6130)

Have a look what the booklet for
XYZ(13.2867, 11.8752, 8.6130)
contains.

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Color

**XYZ(13.2867, 11.8752,
8.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	7D584D
RGB	125, 88, 77
RGB Percent	49%, 35%, 30%
CMY	0.5098, 0.6549, 0.6980
CMYK	0.00, 0.30, 0.38, 0.51
HSL	14°, 24%, 40%
HSV	14°, 38%, 49%
XYZ	13.2867, 11.8752, 8.6130
YIQ	97.8090, 25.5830, 4.4230

Conversions

Conversions Part 2

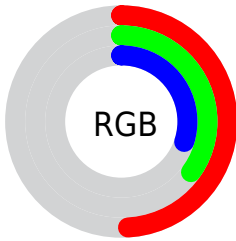
Format	Color
R_{YB}	125, 91, 77
Decimal	8214605
CIE Lab	41.02, 13.73, 12.45
CIE LCh	41, 18.536, 42.199
Yxy	11.8752, 0.3934, 0.3516
Android (android.graphics.Color)	4286404685 (0xFF7D584D)
YUV	97.8090, -10.2588, 23.8465
Hunter-Lab	34.4604, 8.5175, 9.3034

Details

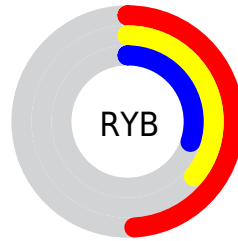
The XYZ color **13.2867, 11.8752, 8.6130** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.7793, 15.0925, 21.6417**, and the grayscale version is **11.5824, 12.1856, 13.2701**.

A 20% lighter version of the original color is **31.4448, 29.2670, 23.7304**, and **3.9265, 3.2216, 1.8537** is the 20% darker color. If you saturate the color by 10%, you get **12.1478, 10.2371, 6.2612**, and if you desaturate by 10%, it is **14.6156, 13.7574, 11.4469**.

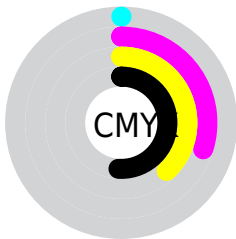
Distribution



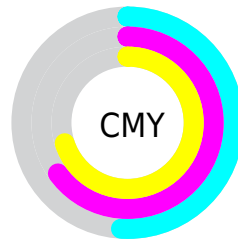
- Red (49%)
- Green (35%)
- Blue (30%)



- Red (49%)
- Yellow (36%)
- Blue (30%)



- Cyan (0%)
- Magenta (30%)
- Yellow (38%)
- Black (51%)



- Cyan (51%)
- Magenta (65%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.2867, 11.8752, 8.6130 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 13.2867, 11.8752, 8.6130 by changing the saturation by 10% instead.

■ 13.2867, 11.8752,
8.6130

■ 13.2867, 11.8752,
8.6130

206.3477,
203.5773, 190.5746

■ 7.7046, 6.6588,
4.3963

■ 31.4149, 29.2676,
23.7174

■ 3.9567, 3.2496,
1.8452

■ 44.6916, 42.2124,
35.4422

■ 1.6777, 1.2634,
0.4575

■ 61.2640, 58.5020,
50.5067

■ 0.4422, 0.1126,
0.0000

■ 81.4974, 78.5209,
69.3295

■ 0.0000, 0.0000,
0.0000

■ 105.7571,
102.6535, 92.3292

134.4085,

131.2842, 119.9242

167.8169,
164.7973, 152.5332

■ 13.2867, 11.8752,
8.6130

■ 13.2867, 11.8752,
8.6130

■ 12.1478, 10.2371,
6.2612

■ 14.6156, 13.7574,
11.4469

■ 11.1891, 8.8315,
4.3638

■ 16.1419, 15.8916,
14.7871

■ 10.4011, 7.6479,
2.8912

■ 17.8738, 18.2873,
18.6571

■ 9.7731, 6.6748,
1.8102

■ 19.8186, 20.9530,
23.0787

■ 9.2932, 5.8992,
1.0823

■ 21.9834, 23.8969,
28.0722

■ 8.9376, 5.3028,
0.6099

■ 24.3748, 27.1267,
33.6573

■ 8.8884, 5.2218,
0.5394

■ 26.9993, 30.6499,
39.8525

■ 29.8630, 34.4738,
46.6754

■ 32.9719, 38.6052,
54.1433

Harmonies

Analogous

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



13.9718, 11.8752, 11.4453



13.2867, 11.8752, 8.6130



12.0859, 11.8752, 7.1414

Triad

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



13.2867, 11.8752, 8.6130



9.0258, 11.8752, 10.8204



11.8353, 11.8752, 21.4777

Complementary

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



13.2867, 11.8752, 8.6130



12.7793, 15.0925, 21.6417

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.



10.5241, 11.8752, 21.2193



13.2867, 11.8752, 8.6130



8.9703, 11.8752, 14.5381

Square

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



13.2867, 11.8752, 8.6130



9.6570, 11.8752, 8.2332



9.4988, 11.8752, 18.4917



13.0909, 11.8752, 19.1408

Rectangle

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



13.2867, 11.8752, 8.6130



11.1893, 11.8752, 6.9118



9.4988, 11.8752, 18.4917



11.3853, 11.8752, 21.7026

Sweetspot

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



13.2870, 11.8758, 8.6132



30.7564, 31.0223, 30.5988



14.1829, 10.8964, 17.4550



6.9251, 6.9585, 6.8017



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.



13.2870, 11.8758, 8.6132



21.9979, 18.6861, 11.7077



15.5252, 16.3522, 9.3593



4.4016, 4.4919, 4.5552



9.2720, 5.4404, 0.5614



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.7793, 15.0925, 21.6417



20.9430, 25.2877, 38.5216



10.4693, 10.4725, 20.8716



4.3655, 4.7250, 5.4952



8.2568, 10.3321, 21.8091



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.2867, 11.8752, 8.6130 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 13.2867, 11.8752, 8.6130 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 13.2867, 11.8752, 8.6130

Background



This preview shows how black text looks on a background with the XYZ color 13.2867, 11.8752, 8.6130.



This preview shows how white text looks on a background with the XYZ color 13.2867, 11.8752,

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

13.2867, 11.8752, 8.6130

Protanopia

11.2394, 11.9683, 9.5023

Deuteranopia

12.0289, 11.8612, 8.4929



Tritanopia

13.8637, 11.8639, 11.6845

Trichromacy



Original Color

13.2867, 11.8752, 8.6130

Protanomaly

11.8811, 11.8996, 9.2601

Deuteranomaly

12.3817, 11.7859, 8.4598

Tritanomaly

13.7327, 11.9401, 10.5977

Monochromacy



Original Color

13.2867, 11.8752, 8.6130

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.0325, 11.9317, 11.3417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2867, 11.8752, 8.6130 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, 88, 77)` looks like.

```
.text, #text, p{  
    color:rgb(125, 88, 77)  
}
```

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, 88, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 88, 77) }
```

Border

The CSS property to change the border of an element to XYZ 13.2867, 11.8752, 8.6130 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, 88, 77) }
```


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

```
.border{ border-color:rgb(125, 88, 77) }
```

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

Here you see how a box with a 4 pixel rgb(125, 88, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 88, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 88, 77);  
box-shadow:4px 4px 4px 4px rgb(125, 88,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2867, 11.8752, 8.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 88, 77) }
```

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

```
.background{ background-color: rgb(125, 88,  
77) }
```

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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