

Converting Colors

XYZ(13.1279, 12.7255, 8.4212)

Have a look what the booklet for
XYZ(13.1279, 12.7255, 8.4212)
contains.

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Color

**XYZ(13.1079, 12.6855,
8.4143)**

Conversions

Conversions Part 1

Format	Color
Hex	785F4B
RGB	120, 95, 75
RGB Percent	47%, 37%, 29%
CMY	0.5294, 0.6274, 0.7059
CMYK	0.00, 0.21, 0.37, 0.53
HSL	27°, 23%, 38%
HSV	27°, 37%, 47%
XYZ	13.1079, 12.6855, 8.4143
YIQ	100.1950, 21.3200, -0.9200

Conversions

Conversions Part 2

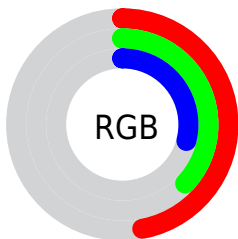
Format	Color
R_{YB}	120, 111, 75
Decimal	7888715
CIE Lab	42.29, 7.10, 15.30
CIE LCh	42, 16.868, 65.125
Yxy	12.6855, 0.3832, 0.3708
Android (android.graphics.Color)	4286078795 (0xFF785F4B)
YUV	100.1950, -12.4211, 17.3690
Hunter-Lab	35.6167, 3.3635, 10.9247

Details

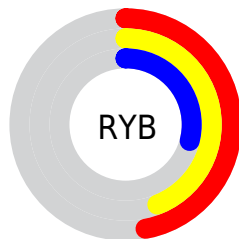
The XYZ color **13.1079, 12.6855, 8.4143** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **10.8487, 11.9657, 19.5070**, and the grayscale version is **12.1901, 12.8249, 13.9663**.

A 20% lighter version of the original color is **30.9971, 30.5903, 23.3396**, and **3.8714, 3.5976, 1.7867** is the 20% darker color. If you saturate the color by 10%, you get **12.1604, 11.3869, 6.2597**, and if you desaturate by 10%, it is **14.1849, 14.1190, 10.9946**.

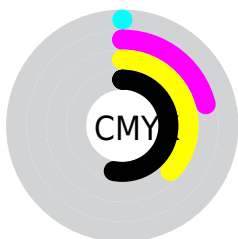
Distribution



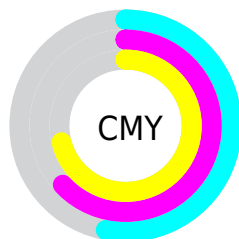
- Red (47%)
- Green (37%)
- Blue (29%)



- Red (47%)
- Yellow (44%)
- Blue (29%)



- Cyan (0%)
- Magenta (21%)
- Yellow (37%)
- Black (53%)





- Cyan (53%)
- Magenta (63%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.1079, 12.6855, 8.4143 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 13.1079, 12.6855, 8.4143 by changing the saturation by 10% instead.

 13.1079, 12.6855,
8.4143


 13.1079, 12.6855,
8.4143


205.2317,
208.8921, 189.0007

 7.5804, 7.2123,
4.2696


 31.0972, 30.7376,
23.3262


 3.8772, 3.5952,
1.7744

 44.2896, 44.0853,
34.9304

 1.6329, 1.4498,
0.4110

 60.7678, 60.8267,
49.8583

 0.4137, 0.2530,
0.0000

 80.8970, 81.3461,
68.5283

 0.0000, 0.0000,
0.0000

 105.0427,
106.0280, 91.3590

133.5701,

135.2567, 118.7690

166.8447,
169.4166, 151.1767

■ 13.1079, 12.6855,
8.4143

■ 13.1079, 12.6855,
8.4143

■ 12.1604, 11.3869,
6.2597

■ 14.1849, 14.1190,
10.9946

■ 11.3358, 10.2173,
4.5068

■ 15.3958, 15.6899,
14.0216

■ 10.6284, 9.1725,
3.1298

■ 16.7458, 17.4024,
17.5156

■ 10.0313, 8.2477,
2.1002

■ 18.2395, 19.2605,
21.4955

■ 9.5369, 7.4375,
1.3849

■ 19.8815, 21.2676,
25.9791

■ 9.1287, 6.7328,
0.9046

■ 21.6759, 23.4271,
30.9835

■ 9.0344, 6.5705,
0.7921

■ 23.6268, 25.7425,
36.5247

■ 25.7381, 28.2168,
42.6182

■ 28.0136, 30.8532,
49.2788

Harmonies

Analogous

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



14.1547, 12.6855, 10.1845



13.1079, 12.6855, 8.4143



11.8415, 12.6855, 7.9783

Triad

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



13.1079, 12.6855, 8.4143



9.7964, 12.6855, 14.4431



13.5092, 12.6855, 20.3180

Complementary

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



13.1079, 12.6855, 8.4143



10.8487, 11.9657, 19.5070

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.



12.2754, 12.6855, 21.9628



13.1079, 12.6855, 8.4143



10.1779, 12.6855, 18.2132

Square

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



13.1079, 12.6855, 8.4143



9.9853, 12.6855, 11.0883



11.0642, 12.6855, 21.1323



14.3975, 12.6855, 16.9495

Rectangle

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



13.1079, 12.6855, 8.4143



11.0551, 12.6855, 8.4235



11.0642, 12.6855, 21.1323



13.1181, 12.6855, 21.1153

Sweetspot

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



13.1082, 12.6861, 8.4146



28.5286, 29.4426, 28.3913



12.5864, 9.9551, 13.4421



6.7008, 6.9014, 6.5724



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



13.1082, 12.6861, 8.4146



21.6077, 20.3330, 11.4957



15.3770, 17.2236, 9.1708



4.1313, 4.2811, 4.2331



9.8422, 7.1404, 0.8595



46.1263, 32.4160, 3.8258

Inverse Universe

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



10.8487, 11.9657, 19.5070



17.0217, 18.8669, 33.9976



9.0163, 8.3008, 18.8962



3.9650, 4.2283, 5.0503



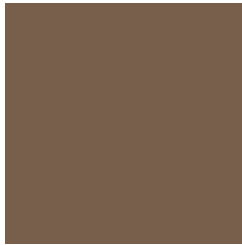
5.8518, 5.7860, 20.1937



27.0542, 25.8810, 96.0394

Previews

White Background



This preview shows how the XYZ color 13.1079, 12.6855, 8.4143 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 13.1079, 12.6855, 8.4143 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 13.1079, 12.6855, 8.4143

Background



This preview shows how black text looks on a background with the XYZ color 13.1079, 12.6855, 8.4143.



This preview shows how white text looks on a background with the XYZ color 13.1079, 12.6855,

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

13.1079, 12.6855, 8.4143

Protanopia

11.9601, 12.7760, 8.8568

Deuteranopia

12.9241, 12.7253, 8.4317



Tritanopia

14.1053, 12.6927, 13.5109

Trichromacy



Original Color

13.1079, 12.6855, 8.4143

Protanomaly

12.3543, 12.7019, 8.6381

Deuteranomaly

13.0606, 12.7957, 8.4381

Tritanomaly

13.6450, 12.6318, 11.3919

Monochromacy



Original Color

13.1079, 12.6855, 8.4143

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.3194, 12.6165, 11.6835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1079, 12.6855, 8.4143 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(120, 95, 75)` looks like.

```
.text, #text, p{  
    color:rgb(120, 95, 75)  
}
```

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(120, 95, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 95, 75) }
```

Border

The CSS property to change the border of an element to XYZ 13.1079, 12.6855, 8.4143 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(120, 95, 75) }
```


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

```
.border{ border-color:rgb(120, 95, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 95, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 95, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 95, 75);  
box-shadow:4px 4px 4px 4px rgb(120, 95,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 13.1079, 12.6855, 8.4143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 95, 75) }
```

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

```
.background{ background-color: rgb(120, 95,  
75) }
```

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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