

Converting Colors

XYZ(13.7489, 12.6950, 8.4663)

Have a look what the booklet for
XYZ(13.7489, 12.6950, 8.4663)
contains.

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Color

**XYZ(13.7885, 12.7723,
8.3952)**

Conversions

Conversions Part 1

Format	Color
Hex	7E5D4B
RGB	126, 93, 75
RGB Percent	49%, 36%, 29%
CMY	0.5059, 0.6353, 0.7059
CMYK	0.00, 0.26, 0.40, 0.51
HSL	21°, 25%, 39%
HSV	21°, 40%, 49%
XYZ	13.7885, 12.7723, 8.3952
YIQ	100.8150, 25.4460, 1.3980

Conversions

Conversions Part 2

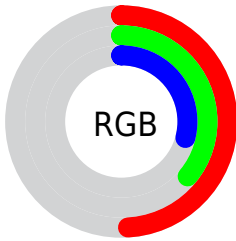
Format	Color
R_{YB}	126, 103, 75
Decimal	8281419
CIE _{Lab}	42.42, 10.92, 15.60
CIE _{LCh}	42, 19.039, 55.003
Yxy	12.7723, 0.3945, 0.3654
Android (android.graphics.Color)	4286471499 (0xFF7E5D4B)
YUV	100.8150, -12.7268, 22.0872
Hunter-Lab	35.7384, 6.3264, 11.0892

Details

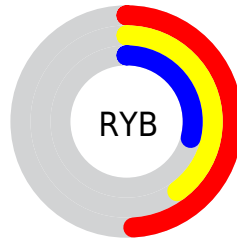
The XYZ color **13.7885, 12.7723, 8.3952** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.0299, 13.7268, 21.7541**, and the grayscale version is **12.3494, 12.9925, 14.1488**.

A 20% lighter version of the original color is **32.2829, 30.8035, 23.3129**, and **4.1655, 3.6278, 1.7770** is the 20% darker color. If you saturate the color by 10%, you get **12.7215, 11.2614, 6.1185**, and if you desaturate by 10%, it is **15.0179, 14.4712, 11.1478**.

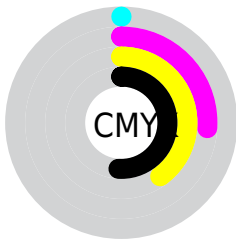
Distribution



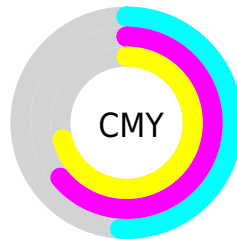
- Red (49%)
- Green (36%)
- Blue (29%)



- Red (49%)
- Yellow (40%)
- Blue (29%)



- Cyan (0%)
- Magenta (26%)
- Yellow (40%)
- Black (51%)





- Cyan (51%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.7885, 12.7723, 8.3952 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 13.7885, 12.7723, 8.3952 by changing the saturation by 10% instead.


 13.7885, 12.7723,
8.3952


 13.7885, 12.7723,
8.3952


209.4481,
209.4532, 188.8486


 8.0544, 7.2719,
4.2575


 32.3027, 30.8941,
23.2885


 4.1819, 3.6327,
1.7676

 45.8135, 44.2843,
34.8811


 1.8055, 1.4703,
0.4065

 62.6473, 61.0733,
49.7957

 0.5210, 0.2677,
0.0000

 83.1694, 81.6454,
68.4510

 0.0000, 0.0000,
0.0000

 107.7452,
106.3851, 91.2653

136.7400,

135.6767, 118.6574

170.5192,
169.9046, 151.0456

■ 13.7885, 12.7723,
8.3952

■ 13.7885, 12.7723,
8.3952

■ 12.7215, 11.2614,
6.1185

■ 15.0179, 14.4712,
11.1478

■ 11.8084, 9.9299,
4.2894

■ 16.4157, 16.3627,
14.4008

■ 11.0416, 8.7711,
2.8779

■ 17.9886, 18.4534,
18.1778

■ 10.4119, 7.7773,
1.8497

■ 19.7429, 20.7493,
22.5010

■ 9.9093, 6.9398,
1.1651

■ 21.6842, 23.2558,
27.3910

■ 9.5227, 6.2727,
0.7089

■ 23.8183, 25.9782,
32.8674

■ 26.1504, 28.9218,
38.9489

■ 28.6855, 32.0915,
45.6534

■ 31.4287, 35.4921,
52.9980

Harmonies

Analogous

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



14.8102, 12.7723, 10.8328



13.7885, 12.7723, 8.3952



12.3811, 12.7723, 7.4370

Triad

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



13.7885, 12.7723, 8.3952



9.5979, 12.7723, 13.2312



13.3412, 12.7723, 22.3485

Complementary

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



13.7885, 12.7723, 8.3952



12.0299, 13.7268, 21.7541

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.



11.9014, 12.7723, 23.3356



13.7885, 12.7723, 8.3952



9.8112, 12.7723, 17.5136

Square

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



13.7885, 12.7723, 8.3952



10.0207, 12.7723, 9.8564



10.6279, 12.7723, 21.4193



14.5381, 12.7723, 18.9380

Rectangle

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



13.7885, 12.7723, 8.3952



11.4407, 12.7723, 7.5955



10.6279, 12.7723, 21.4193



12.8666, 12.7723, 22.9999

Sweetspot

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



13.7888, 12.7729, 8.3955



31.1409, 31.7915, 30.7270



13.8351, 10.5538, 15.5372



7.0188, 7.1458, 6.8329



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.



13.7888, 12.7729, 8.3955



22.4504, 19.9054, 10.8895



16.3939, 17.9830, 9.2638



4.4423, 4.5734, 4.5687



9.7657, 6.4278, 0.7260



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.0299, 13.7268, 21.7541



18.8766, 21.8211, 37.9613



9.7342, 9.1355, 20.9888



4.3227, 4.6393, 5.4809



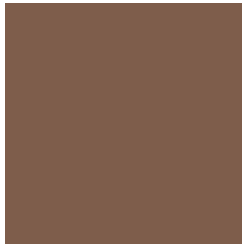
6.9180, 7.6546, 21.3628



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.7885, 12.7723, 8.3952 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 13.7885, 12.7723, 8.3952 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 13.7885, 12.7723, 8.3952

Background



This preview shows how black text looks on a background with the XYZ color 13.7885, 12.7723, 8.3952.



This preview shows how white text looks on a background with the XYZ color 13.7885, 12.7723,

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

13.7885, 12.7723, 8.3952

Protanopia

11.9957, 12.7902, 9.0442

Deuteranopia

13.0267, 12.7821, 8.2592



Tritanopia

14.7159, 12.7646, 12.9975

Trichromacy



Original Color

13.7885, 12.7723, 8.3952

Protanomaly

12.5537, 12.6626, 8.8037

Deuteranomaly

13.3543, 12.8164, 8.2485

Tritanomaly

14.2967, 12.7155, 11.1520

Monochromacy



Original Color

13.7885, 12.7723, 8.3952

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.7299, 12.8231, 11.9294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7885, 12.7723, 8.3952 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(126, 93, 75)` looks like.

```
.text, #text, p{  
    color:rgb(126, 93, 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(126, 93, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 93, 75) }
```

Border

The CSS property to change the border of an element to XYZ 13.7885, 12.7723, 8.3952 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(126, 93, 75) }
```


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

```
.border{ border-color:rgb(126, 93, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 93, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 93, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 93, 75);  
box-shadow:4px 4px 4px 4px rgb(126, 93,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7885, 12.7723, 8.3952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 93, 75) }
```

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

```
.background{ background-color: rgb(126, 93,  
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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