

Converting Colors

XYZ(17.3141, 16.8113, 12.3266)

Have a look what the booklet for
XYZ(17.3141, 16.8113, 12.3266)
contains.

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Color

**XYZ(17.3486, 16.8435,
12.2343)**

Conversions

Conversions Part 1

Format	Color
Hex	876D5B
RGB	135, 109, 91
RGB Percent	53%, 43%, 36%
CMY	0.4706, 0.5725, 0.6431
CMYK	0.00, 0.19, 0.33, 0.47
HSL	25°, 19%, 44%
HSV	25°, 33%, 53%
XYZ	17.3486, 16.8435, 12.2343
YIQ	114.7220, 21.2740, -0.0860

Conversions

Conversions Part 2

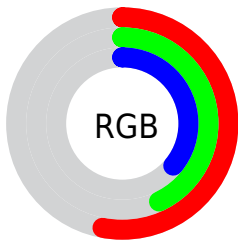
Format	Color
R_{YB}	135, 121, 91
Decimal	8875355
CIE _{Lab}	48.06, 7.50, 13.94
CIE _{LCh}	48, 15.830, 61.739
Yxy	16.8435, 0.3737, 0.3628
Android (android.graphics.Color)	4287065435 (0xFF876D5B)
YUV	114.7220, -11.6949, 17.7838
Hunter-Lab	41.0408, 3.6333, 11.0542

Details

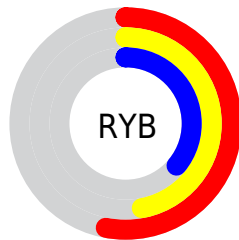
The XYZ color **17.3486, 16.8435, 12.2343** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.0486, 16.6954, 25.3510**, and the grayscale version is **16.2416, 17.0875, 18.6082**.

A 20% lighter version of the original color is **38.3648, 37.8835, 30.4895**, and **5.8524, 5.5195, 3.2395** is the 20% darker color. If you saturate the color by 10%, you get **16.0053, 15.0065, 9.1673**, and if you desaturate by 10%, it is **18.8748, 18.8785, 15.8796**.

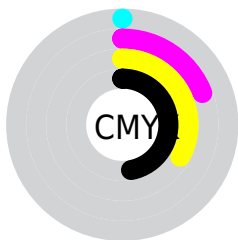
Distribution



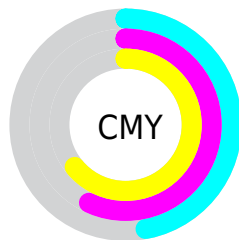
- Red (53%)
- Green (43%)
- Blue (36%)



- Red (53%)
- Yellow (47%)
- Blue (36%)



- Cyan (0%)
- Magenta (19%)
- Yellow (33%)
- Black (47%)



- Cyan (47%)
- Magenta (57%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3486, 16.8435, 12.2343 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 17.3486, 16.8435, 12.2343 by changing the saturation by 10% instead.

■ 17.3486, 16.8435,
12.2343

■ 17.3486, 16.8435,
12.2343

230.2906,
234.2689, 216.9830

■ 10.5802, 10.1230,
6.7790

■ 38.4630, 38.0565,
30.5919

■ 5.8505, 5.4806,
3.2479

■ 53.5397, 53.3178,
44.3312

■ 2.7942, 2.5319,
1.2226

■ 72.1166, 72.1947,
61.6690

■ 1.0459, 0.8926,
0.0000

■ 94.5590, 95.0718,
83.0237

■ 0.0000, 0.0000,
0.0000

121.2322,
122.3333, 108.8139

152.5017,

154.3638, 139.4582

188.7327,
191.5475, 175.3750

■ 17.3486, 16.8435,
12.2343

■ 17.3486, 16.8435,
12.2343

■ 16.0053, 15.0065,
9.1673

■ 18.8748, 18.8785,
15.8796

■ 14.8359, 13.3587,
6.6472

■ 20.5898, 21.1151,
20.1303

■ 13.8326, 11.8943,
4.6414

■ 22.5007, 23.5598,
25.0128

■ 12.9864, 10.6060,
3.1131

■ 24.6140, 26.2181,
30.5518

■ 12.2870, 9.4861,
2.0206

■ 26.9357, 29.0954,
36.7706

■ 11.7230, 8.5259,
1.3150

■ 29.4717, 32.1966,
43.6914

■ 11.3691, 7.9058,
0.9268

■ 32.2275, 35.5266,
51.3354

■ 35.2085, 39.0903,
59.7229

■ 38.4199, 42.8922,
68.8732

Harmonies

Analogous

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



18.4668, 16.8435, 14.4966



17.3486, 16.8435, 12.2343



15.9258, 16.8435, 11.5333

Triad

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



17.3486, 16.8435, 12.2343



13.4119, 16.8435, 18.5800



17.5017, 16.8435, 25.8962

Complementary

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



17.3486, 16.8435, 12.2343



15.0486, 16.6954, 25.3510

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.



16.0929, 16.8435, 27.4042



17.3486, 16.8435, 12.2343



13.7800, 16.8435, 22.8083

Square

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



17.3486, 16.8435, 12.2343



13.7046, 16.8435, 14.8538



14.7407, 16.8435, 26.1986



18.5588, 16.8435, 22.3324

Rectangle

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



17.3486, 16.8435, 12.2343



15.0110, 16.8435, 11.9471



14.7407, 16.8435, 26.1986



17.0508, 16.8435, 26.6824

Sweetspot

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



17.3490, 16.8443, 12.2346



37.6507, 38.8158, 38.0160



16.9673, 13.9270, 18.7472



8.6258, 8.8687, 8.5669



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.3490, 16.8443, 12.2346



29.2852, 27.7343, 17.8107



19.9427, 22.0316, 13.0992



4.8175, 4.9785, 4.9364



10.4964, 7.3153, 0.8588



0.0432, 0.0391, 0.0053

Inverse Universe

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



15.0486, 16.6954, 25.3510



24.5046, 27.4189, 45.0492



12.8161, 12.2303, 24.6068



4.6460, 4.9677, 5.9147



6.6752, 6.8982, 22.1164



0.0303, 0.0383, 0.0790

Previews

White Background



This preview shows how the XYZ color 17.3486, 16.8435, 12.2343 looks on a white background.

Color Contrast Check

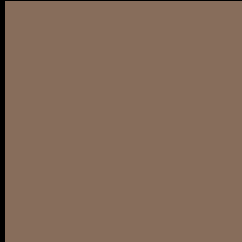
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3486, 16.8435, 12.2343 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 17.3486, 16.8435, 12.2343

Background



This preview shows how black text looks on a background with the XYZ color 17.3486, 16.8435, 12.2343.



This preview shows how white text looks on a background with the XYZ color 17.3486, 16.8435,

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

17.3486, 16.8435, 12.2343

Protanopia

15.8783, 16.8899, 12.7791

Deuteranopia

17.1371, 16.8937, 12.2551



Tritanopia

18.5078, 16.8413, 18.1948

Trichromacy



Original Color

17.3486, 16.8435, 12.2343

Protanomaly

16.3301, 16.7967, 12.5066

Deuteranomaly

17.2958, 16.9755, 12.2625

Tritanomaly

18.0126, 16.7902, 15.9271

Monochromacy



Original Color

17.3486, 16.8435, 12.2343

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.5327, 16.9884, 16.0434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3486, 16.8435, 12.2343 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(135, 109, 91)` looks like.

```
.text, #text, p{  
    color:rgb(135, 109, 91)  
}
```

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(135, 109, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 109, 91) }
```

Border

The CSS property to change the border of an element to XYZ 17.3486, 16.8435, 12.2343 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(135, 109, 91) }
```


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

```
.border{ border-color:rgb(135, 109, 91) }
```

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

Here you see how a box with a 4 pixel rgb(135, 109, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 109, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 109, 91);  
box-shadow:4px 4px 4px 4px rgb(135, 109,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3486, 16.8435, 12.2343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 109, 91) }
```

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

```
.background{ background-color: rgb(135,  
109, 91) }
```

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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