

Converting Colors

XYZ(17.9652, 18.3306, 13.2661)

Have a look what the booklet for
XYZ(17.9652, 18.3306, 13.2661)
contains.

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Color

**XYZ(17.9386, 18.2855,
13.1737)**

Conversions

Conversions Part 1

Format	Color
Hex	85745E
RGB	133, 116, 94
RGB Percent	52%, 45%, 37%
CMY	0.4784, 0.5451, 0.6314
CMYK	0.00, 0.13, 0.29, 0.48
HSL	34°, 17%, 45%
HSV	34°, 29%, 52%
XYZ	17.9386, 18.2855, 13.1737
YIQ	118.5750, 17.1940, -3.2380

Conversions

Conversions Part 2

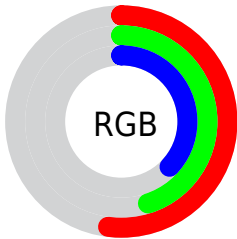
Format	Color
R_{YB}	124, 133, 94
Decimal	8746078
CIE Lab	49.84, 3.01, 14.60
CIE LCh	50, 14.906, 78.353
Yxy	18.2855, 0.3631, 0.3702
Android (android.graphics.Color)	4286936158 (0xFF85745E)
YUV	118.5750, -12.1155, 12.6507
Hunter-Lab	42.7615, 0.0486, 11.6674

Details

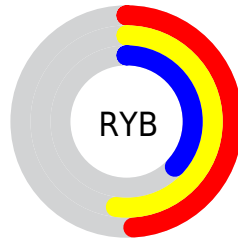
The XYZ color **17.9386, 18.2855, 13.1737** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5340, 15.4415, 24.4047**, and the grayscale version is **17.4340, 18.3419, 19.9743**.

A 20% lighter version of the original color is **39.5302, 40.5837, 32.1355**, and **6.1679, 6.1866, 3.6654** is the 20% darker color. If you saturate the color by 10%, you get **16.7452, 16.7728, 10.0809**, and if you desaturate by 10%, it is **19.2775, 19.9244, 16.8229**.

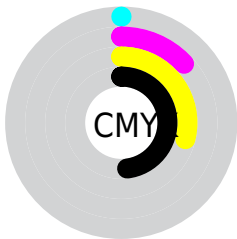
Distribution



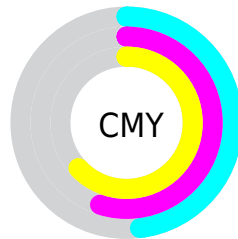
- Red (52%)
- Green (45%)
- Blue (37%)



- Red (49%)
- Yellow (52%)
- Blue (37%)



- Cyan (0%)
- Magenta (13%)
- Yellow (29%)
- Black (48%)



- Cyan (48%)
- Magenta (55%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9386, 18.2855, 13.1737 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 17.9386, 18.2855, 13.1737 by changing the saturation by 10% instead.

■ 17.9386, 18.2855,
13.1737

■ 17.9386, 18.2855,
13.1737

233.5770,
242.4754, 223.2747

■ 11.0053, 11.1552,
7.4161

■ 39.4636, 40.5232,
32.3112

■ 6.1377, 6.1713,
3.6413

■ 54.7860, 56.3994,
46.5283

■ 2.9705, 2.9495,
1.4307

■ 73.6355, 75.9596,
64.4023

■ 1.1382, 1.1054,
0.1655

■ 96.3775, 99.5883,
86.3517

■ 0.0567, 0.0000,
0.0000

123.3773,
127.6698, 112.7951

■ 0.0000, 0.0000,
0.0000

155.0002,

160.5885, 144.1510

191.6117,
198.7289, 180.8381

■ 17.9386, 18.2855,
13.1737

■ 17.9386, 18.2855,
13.1737

■ 16.7452, 16.7728,
10.0809

■ 19.2775, 19.9244,
16.8229

■ 15.6898, 15.3802,
7.5153

■ 20.7662, 21.6905,
21.0534

■ 14.7665, 14.1047,
5.4467

■ 22.4104, 23.5877,
25.8898

■ 13.9680, 12.9421,
3.8416

■ 24.2151, 25.6194,
31.3553

■ 13.2865, 11.8880,
2.6619

■ 26.1850, 27.7884,
37.4716

■ 12.7127, 10.9373,
1.8637

■ 28.3249, 30.0977,
44.2593

■ 12.2231, 10.0792,
1.3271

■ 30.6389, 32.5500,
51.7383

■ 12.1914, 10.0237,
1.2922

■ 33.1314, 35.1480,
59.9276

■ 35.8063, 37.8945,
68.8454

Harmonies

Analogous

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



19.2640, 18.2855, 14.6053



17.9386, 18.2855, 13.1737



16.5317, 18.2855, 13.3548

Triad

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



17.9386, 18.2855, 13.1737



14.9079, 18.2855, 22.4828



19.5076, 18.2855, 25.5900

Complementary

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



17.9386, 18.2855, 13.1737



14.5340, 15.4415, 24.4047

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.



18.2564, 18.2855, 28.3204



17.9386, 18.2855, 13.1737



15.6227, 18.2855, 26.3645

Square

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



17.9386, 18.2855, 13.1737



14.8332, 18.2855, 18.3680



16.8328, 18.2855, 28.6217



20.2024, 18.2855, 21.5356

Rectangle

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



17.9386, 18.2855, 13.1737



15.7353, 18.2855, 14.3707



16.8328, 18.2855, 28.6217



19.1351, 18.2855, 26.7156

Sweetspot

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



17.9391, 18.2863, 13.1741



37.2213, 38.8821, 37.7981



16.5753, 14.1520, 17.0563



8.3063, 8.6669, 8.2865



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.9391, 18.2863, 13.1741



30.7125, 30.9677, 19.8960



19.7757, 22.4124, 13.8737



4.8743, 5.0921, 4.9553



11.6207, 9.5640, 1.2336



0.0475, 0.0477, 0.0067

Inverse Universe

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



14.5340, 15.4415, 24.4047



23.6101, 25.0356, 43.3264



13.0552, 12.1832, 23.8537



4.5890, 4.8537, 5.8957



5.4798, 4.5075, 21.7179



0.0260, 0.0297, 0.0776

Previews

White Background



This preview shows how the XYZ color 17.9386, 18.2855, 13.1737 looks on a white background.

Color Contrast Check

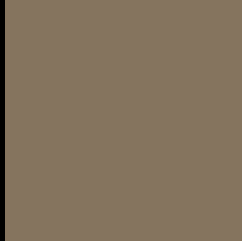
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.9386, 18.2855, 13.1737 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9386, 18.2855, 13.1737

Background



This preview shows how black text looks on a background with the XYZ color 17.9386, 18.2855, 13.1737.



This preview shows how white text looks on a background with the XYZ color 17.9386, 18.2855,

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

17.9386, 18.2855, 13.1737

Protanopia

17.1482, 18.2187, 13.4392

Deuteranopia

18.5189, 18.2461, 13.1355



Tritanopia

19.3987, 18.2031, 20.5803

Trichromacy



Original Color

17.9386, 18.2855, 13.1737

Protanomaly

17.4801, 18.2159, 13.4212

Deuteranomaly

18.3045, 18.3039, 13.1579

Tritanomaly

18.7660, 18.1088, 17.5452

Monochromacy



Original Color

17.9386, 18.2855, 13.1737

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.6051, 18.3677, 17.3693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9386, 18.2855, 13.1737 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(133, 116, 94)` looks like.

```
.text, #text, p{  
    color:rgb(133, 116, 94)  
}
```

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(133, 116, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 116, 94) }
```

Border

The CSS property to change the border of an element to XYZ 17.9386, 18.2855, 13.1737 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(133, 116, 94) }
```


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

```
.border{ border-color:rgb(133, 116, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 116, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 116, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 116, 94);  
box-shadow:4px 4px 4px 4px rgb(133, 116,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9386, 18.2855, 13.1737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 116, 94) }
```

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

```
.background{ background-color: rgb(133,  
116, 94) }
```

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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