

Converting Colors

XYZ(18.2805, 17.3204, 10.7620)

Have a look what the booklet for
XYZ(18.2805, 17.3204, 10.7620)
contains.

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Color

**XYZ(18.2242, 17.3282,
10.7717)**

Conversions

Conversions Part 1

Format	Color
Hex	8E6D54
RGB	142, 109, 84
RGB Percent	56%, 43%, 33%
CMY	0.4431, 0.5725, 0.6706
CMYK	0.00, 0.23, 0.41, 0.44
HSL	26°, 26%, 44%
HSV	26°, 41%, 56%
XYZ	18.2242, 17.3282, 10.7717
YIQ	116.0170, 27.6930, -0.7790

Conversions

Conversions Part 2

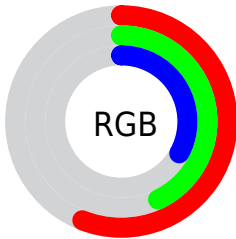
Format	Color
R_{YB}	142, 128, 84
Decimal	9334100
CIE _{Lab}	48.67, 9.57, 19.00
CIE _{LCh}	49, 21.274, 63.281
Yxy	17.3282, 0.3934, 0.3741
Android (android.graphics.Color)	4287524180 (0xFF8E6D54)
YUV	116.0170, -15.7844, 22.7871
Hunter-Lab	41.6272, 5.2991, 13.7968

Details

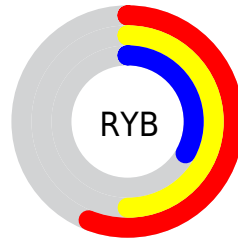
The XYZ color **18.2242, 17.3282, 10.7717** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.8997, 16.5597, 28.0021**, and the grayscale version is **16.6470, 17.5139, 19.0727**.

A 20% lighter version of the original color is **40.0739, 39.0813, 27.9856**, and **6.2514, 5.6576, 2.6820** is the 20% darker color. If you saturate the color by 10%, you get **16.9010, 15.4834, 7.8593**, and if you desaturate by 10%, it is **19.7403, 19.3782, 14.3051**.

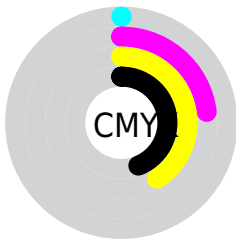
Distribution



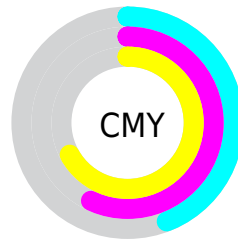
- Red (56%)
- Green (43%)
- Blue (33%)



- Red (56%)
- Yellow (50%)
- Blue (33%)



- Cyan (0%)
- Magenta (23%)
- Yellow (41%)
- Black (44%)



- Cyan (44%)
- Magenta (57%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2242, 17.3282, 10.7717 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 18.2242, 17.3282, 10.7717 by changing the saturation by 10% instead.

■ 18.2242, 17.3282,
10.7717

■ 18.2242, 17.3282,
10.7717

235.1529,
237.0567, 206.7754

■ 11.2117, 10.4688,
5.8013

■ 39.9461, 38.8892,
27.8674

■ 6.2778, 5.7109,
2.6578

■ 55.3862, 54.3596,
40.8298

■ 3.0570, 2.6701,
0.9221

■ 74.3663, 73.4690,
57.2932

■ 1.1840, 0.9620,
0.0000

■ 97.2516, 96.6020,
77.6763

■ 0.0937, 0.0000,
0.0000

■ 124.4076,
124.1428, 102.3975

■ 0.0000, 0.0000,
0.0000

156.1996,

156.4760, 131.8754

192.9929,
193.9858, 166.5285

■ 18.2242, 17.3282,
10.7717

■ 18.2242, 17.3282,
10.7717

■ 16.9010, 15.4834,
7.8593

■ 19.7403, 19.3782,
14.3051

■ 15.7603, 13.8343,
5.5301

■ 21.4563, 21.6376,
18.4922

■ 14.7929, 12.3743,
3.7435

■ 23.3804, 24.1134,
23.3647

■ 13.9877, 11.0954,
2.4535

■ 25.5200, 26.8115,
28.9519

■ 13.3323, 9.9885,
1.6061

■ 27.8820, 29.7378,
35.2813

■ 12.8355, 9.1113,
1.0821

■ 30.4730, 32.8978,
42.3790

■ 33.2995, 36.2966,
50.2698

■ 36.3673, 39.9395,
58.9774

■ 39.6825, 43.8314,
68.5246

Harmonies

Analogous

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



19.8277, 17.3282, 13.5401



18.2242, 17.3282, 10.7717



16.2550, 17.3282, 10.0090

Triad

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



18.2242, 17.3282, 10.7717



12.9848, 17.3282, 19.4924



18.6271, 17.3282, 29.4123

Complementary

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



18.2242, 17.3282, 10.7717



14.8997, 16.5597, 28.0021

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.



16.6867, 17.3282, 31.8333



18.2242, 17.3282, 10.7717



13.5144, 17.3282, 25.4358

Square

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



18.2242, 17.3282, 10.7717



13.3261, 17.3282, 14.4165



14.8320, 17.3282, 30.2511



20.0730, 17.3282, 24.1515

Rectangle

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



18.2242, 17.3282, 10.7717



15.0240, 17.3282, 10.5844



14.8320, 17.3282, 30.2511



18.0058, 17.3282, 30.6278

Sweetspot

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



18.2246, 17.3290, 10.7720



40.7301, 41.8850, 39.9193



17.5858, 13.3956, 18.7465



9.0114, 9.2455, 8.6968



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.2246, 17.3290, 10.7720



29.9838, 27.5591, 14.2434



21.7249, 24.3296, 11.9388



5.5881, 5.7825, 5.7110



11.5422, 8.2160, 0.9775



0.1316, 0.1210, 0.0164

Inverse Universe

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



14.8997, 16.5597, 28.0021



23.2861, 25.9993, 48.9189



12.0973, 10.9551, 27.0680



5.3682, 5.7321, 6.8522



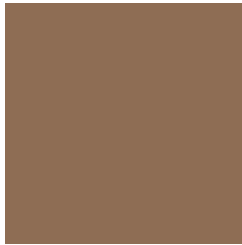
7.0298, 7.0455, 23.9665



0.0892, 0.1112, 0.2365

Previews

White Background



This preview shows how the XYZ color 18.2242, 17.3282, 10.7717 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 18.2242, 17.3282, 10.7717 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 18.2242, 17.3282, 10.7717

Background



This preview shows how black text looks on a background with the XYZ color 18.2242, 17.3282, 10.7717.



This preview shows how white text looks on a background with the XYZ color 18.2242, 17.3282,

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

18.2242, 17.3282, 10.7717

Protanopia

16.2779, 17.4640, 11.5298

Deuteranopia

17.6012, 17.3273, 10.8043



Tritanopia

19.7093, 17.3151, 17.9262

Trichromacy



Original Color

18.2242, 17.3282, 10.7717

Protanomaly

16.9449, 17.3074, 11.2517

Deuteranomaly

17.8236, 17.2809, 10.7836

Tritanomaly

19.0539, 17.1967, 14.8854

Monochromacy



Original Color

18.2242, 17.3282, 10.7717

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.8613, 17.1697, 15.5221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2242, 17.3282, 10.7717 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(142, 109, 84)` looks like.

```
.text, #text, p{  
    color:rgb(142, 109, 84)  
}
```

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(142, 109, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 109, 84) }
```

Border

The CSS property to change the border of an element to XYZ 18.2242, 17.3282, 10.7717 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(142, 109, 84) }
```


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

```
.border{ border-color:rgb(142, 109, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 109, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 109, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 109, 84);  
box-shadow:4px 4px 4px 4px rgb(142, 109,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2242, 17.3282, 10.7717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 109, 84) }
```

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

```
.background{ background-color: rgb(142,  
109, 84) }
```

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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