

Converting Colors

XYZ(18.4215, 16.3022, 14.1310)

Have a look what the booklet for
XYZ(18.4215, 16.3022, 14.1310)
contains.

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Color

**XYZ(18.3793, 16.2625,
14.2269)**

Conversions

Conversions Part 1	
Format	Color
Hex	8F6664
RGB	143, 102, 100
RGB Percent	56%, 40%, 39%
CMY	0.4392, 0.6000, 0.6078
CMYK	0.00, 0.29, 0.30, 0.44
HSL	3°, 18%, 48%
HSV	3°, 30%, 56%
XYZ	18.3793, 16.2625, 14.2269
YIQ	114.0310, 25.0780, 8.0700

Conversions

Conversions Part 2

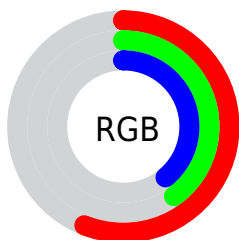
Format	Color
RYB	143, 102, 100
Decimal	9397860
CIELab	47.32, 16.22, 7.68
CIELCh	47, 17.943, 25.341
Yxy	16.2625, 0.3761, 0.3328
Android (android.graphics.Color)	4287587940 (0xFF8F6664)
YUV	114.0310, -6.9173, 25.4058
Hunter-Lab	40.3268, 10.7811, 7.3118

Details

The XYZ color **18.3793, 16.2625, 14.2269** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.7380, 23.7414, 29.5288**, and the grayscale version is **16.0187, 16.8529, 18.3529**.

A 20% lighter version of the original color is **40.2658, 37.0226, 34.3020**, and **6.3232, 5.2136, 4.0412** is the 20% darker color. If you saturate the color by 10%, you get **16.5155, 13.5471, 10.4854**, and if you desaturate by 10%, it is **20.5858, 19.4688, 18.6824**.

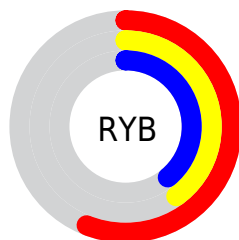
Distribution



Red (56%)

Green (40%)

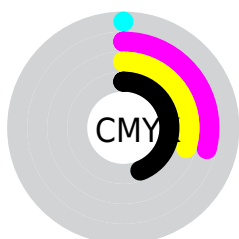
Blue (39%)



Red (56%)

Yellow (40%)

Blue (39%)

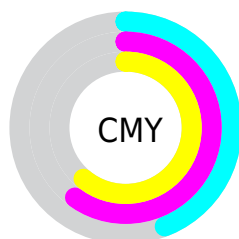


Cyan (0%)

Magenta (29%)

Yellow (30%)

Black (44%)



Cyan (44%)


Magenta (60%)


Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3793, 16.2625, 14.2269 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 18.3793, 16.2625, 14.2269 by changing the saturation by 10% instead.


 18.3793, 16.2625,
14.2269


 18.3793, 16.2625,
14.2269

236.0048,
230.8857, 230.1152


 11.3240, 9.7101,
8.1381


 40.2076, 37.0533,
34.2140


 6.3541, 5.2072,
4.0944


 55.7113, 52.0605,
48.9494

 3.1043, 2.3693,
1.6773


 74.7619, 70.6548,
67.4040

 1.2091, 0.8100,
0.3451

 97.7247, 93.2205,
89.9964

 0.1136, 0.0000,
0.0000


124.9650,
120.1420, 117.1452

 0.0000, 0.0000,
0.0000


156.8482,

151.8038, 149.2689


193.7397,
188.5903, 186.7861

 18.3793, 16.2625,
14.2269

 18.3793, 16.2625,
14.2269


 16.5155, 13.5471,
10.4854

 20.5858, 19.4688,
18.6824


 14.9761, 11.2962,
7.4200


 23.1497, 23.1862,
23.8853


 13.7429, 9.4845,
4.9905


 26.0864, 27.4364,
29.8681


 12.7954, 8.0833,
3.1522


 29.4098, 32.2392,
36.6610


 12.1106, 7.0605,
1.8548


 33.1334, 37.6135,
44.2927


 11.6620, 6.3793,
1.0393

 37.2699, 43.5772,
52.7904

 11.4000, 5.9842,
0.5542

 41.8313, 50.1475,
62.1801

 46.8294, 57.3409,
72.4868

 52.2753, 65.1731,
83.7344

Harmonies

Analogous

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



18.6991, 16.2625, 18.4259



18.3793, 16.2625, 14.2269



17.2564, 16.2625, 11.4525

Triad

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



18.3793, 16.2625, 14.2269



13.0825, 16.2625, 13.1914



15.2107, 16.2625, 27.9128

Complementary

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



18.3793, 16.2625, 14.2269



19.7380, 23.7414, 29.5288

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.



13.7873, 16.2625, 25.9036



18.3793, 16.2625, 14.2269



12.6132, 16.2625, 17.0073

Square

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



18.3793, 16.2625, 14.2269



14.1886, 16.2625, 10.9302



12.8622, 16.2625, 21.7131



16.7989, 16.2625, 26.8284

Rectangle

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



18.3793, 16.2625, 14.2269



16.2415, 16.2625, 10.5321



12.8622, 16.2625, 21.7131



14.6983, 16.2625, 27.5684

Sweetspot

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



18.3797, 16.2633, 14.2272



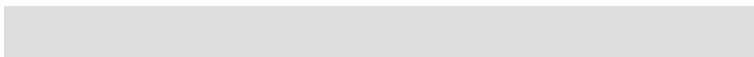
41.8928, 42.1532, 43.6600



20.7349, 16.8942, 27.5890



9.4569, 9.4494, 9.7071



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.3797, 16.2633, 14.2272



30.6153, 25.7755, 20.8572



20.7027, 20.9092, 15.0016



5.4278, 5.4619, 5.6575



10.0842, 5.3000, 0.4915



0.0996, 0.0571, 0.0058

Inverse Universe

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



19.7380, 23.7414, 29.5288



33.4446, 41.3618, 52.7589



16.9381, 18.1416, 28.5955



5.5390, 6.0739, 6.9092



12.2148, 17.4157, 25.6949



0.1211, 0.1751, 0.2471

Previews

White Background



This preview shows how the XYZ color 18.3793, 16.2625, 14.2269 looks on a white background.

Color Contrast Check

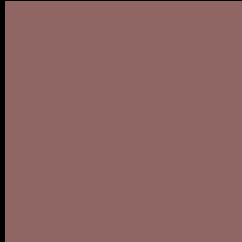
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3793, 16.2625, 14.2269 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 18.3793, 16.2625, 14.2269

Background



This preview shows how black text looks on a background with the XYZ color 18.3793, 16.2625, 14.2269.



This preview shows how white text looks on a background with the XYZ color 18.3793, 16.2625,

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

18.3793, 16.2625, 14.2269

Protanopia

15.5464, 16.3213, 15.6955

Deuteranopia

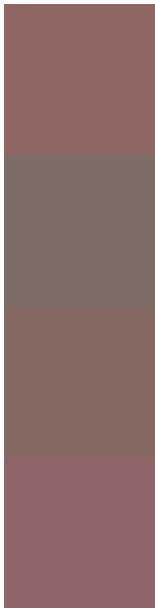
16.5168, 16.2152, 14.0637



Tritanopia

18.8621, 16.3194, 16.3432

Trichromacy



Original Color
18.3793, 16.2625, 14.2269

Protanomaly
16.4149, 16.1400, 15.0821

Deuteranomaly
17.0790, 16.1955, 14.0303

Tritanomaly
18.7051, 16.2566, 15.5166

Monochromacy



Original Color
18.3793, 16.2625, 14.2269

Achromatopsia
15.9940, 16.8269, 18.3245

Achromatomaly
16.7937, 16.6160, 16.7901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3793, 16.2625, 14.2269 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(143, 102, 100) looks like.

```
.text, #text, p{  
    color:rgb(143, 102, 100)  
}
```

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(143, 102, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 102, 100) }
```

Border

The CSS property to change the border of an element to XYZ 18.3793, 16.2625, 14.2269 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(143, 102, 100) }
```


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

```
.border{ border-color:rgb(143, 102, 100) }
```

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

Here you see how a box with a 4 pixel rgb(143, 102, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 102, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 102, 100);  
box-shadow:4px 4px 4px 4px rgb(143, 102,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3793, 16.2625, 14.2269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 102, 100) }
```

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

```
.background{ background-color: rgb(143,  
102, 100) }
```

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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