

Converting Colors

XYZ(16.3541, 14.9815, 10.8776)

Have a look what the booklet for
XYZ(16.3541, 14.9815, 10.8776)
contains.

XYZ(16.3902, 15.0205, 10.8395)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.3902, 15.0205,
10.8395)**

Conversions

Conversions Part 1

Format	Color
Hex	886456
RGB	136, 100, 86
RGB Percent	53%, 39%, 34%
CMY	0.4667, 0.6078, 0.6627
CMYK	0.00, 0.26, 0.37, 0.47
HSL	17°, 23%, 44%
HSV	17°, 37%, 53%
XYZ	16.3902, 15.0205, 10.8395
YIQ	109.1680, 25.9500, 3.2780

Conversions

Conversions Part 2

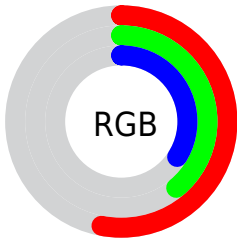
Format	Color
R_{YB}	136, 105, 86
Decimal	8938582
CIE Lab	45.66, 12.52, 13.62
CIE LCh	46, 18.500, 47.417
Yxy	15.0205, 0.3879, 0.3555
Android (android.graphics.Color)	4287128662 (0xFF886456)
YUV	109.1680, -11.4218, 23.5317
Hunter-Lab	38.7563, 7.6649, 10.5470

Details

The XYZ color **16.3902, 15.0205, 10.8395** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.2409, 17.6743, 25.9006**, and the grayscale version is **14.6101, 15.3710, 16.7390**.

A 20% lighter version of the original color is **36.7457, 34.8579, 28.0841**, and **5.4197, 4.6376, 2.7073** is the 20% darker color. If you saturate the color by 10%, you get **15.0103, 13.0556, 7.9286**, and if you desaturate by 10%, it is **17.9881, 17.2543, 14.3379**.

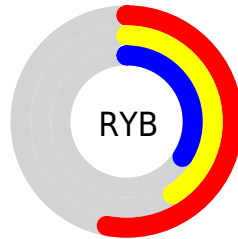
Distribution



Red (53%)

Green (39%)

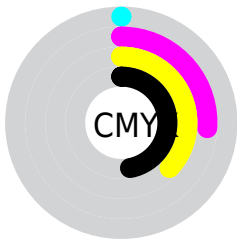
Blue (34%)



Red (53%)

Yellow (41%)

Blue (34%)

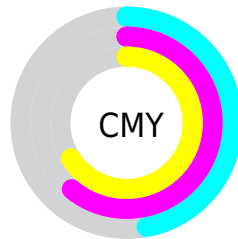


Cyan (0%)

Magenta (26%)

Yellow (37%)

Black (47%)



Cyan (47%)

Magenta (61%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3902, 15.0205, 10.8395 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 16.3902, 15.0205, 10.8395 by changing the saturation by 10% instead.

■ 16.3902, 15.0205,
10.8395

■ 16.3902, 15.0205,
10.8395

224.8587,
223.4903, 207.2608

■ 9.8933, 8.8338,
5.8462

■ 36.8263, 34.8891,
27.9951

■ 5.3900, 4.6329,
2.6845

■ 51.4962, 49.3398,
40.9945

■ 2.5149, 2.0335,
0.9356

■ 69.6211, 67.3140,
57.4996

■ 0.9028, 0.6268,
0.0000

■ 91.5664, 89.1960,
77.9291

■ 0.0000, 0.0000,
0.0000

■ 117.6975,
115.3702, 102.7014

148.3797,

146.2211, 132.2351

183.9783,
182.1330, 166.9487

■ 16.3902, 15.0205,
10.8395

■ 16.3902, 15.0205,
10.8395

■ 15.0103, 13.0556,
7.9286

■ 17.9881, 17.2543,
14.3379

■ 13.8372, 11.3472,
5.5716

■ 19.8120, 19.7646,
18.4529

■ 12.8606, 9.8849,
3.7331

■ 21.8711, 22.5614,
23.2127

■ 12.0688, 8.6567,
2.3731

■ 24.1735, 25.6535,
28.6437

■ 11.4484, 7.6498,
1.4455

■ 26.7271, 29.0493,
34.7706

■ 10.9793, 6.8476,
0.8694

■ 29.5393, 32.7570,
41.6169

■ 10.8493, 6.6261,
0.7072

■ 32.6172, 36.7842,
49.2051

■ 35.9677, 41.1386,
57.5565

■ 39.5974, 45.8272,
66.6918

Harmonies

Analogous

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



17.3140, 15.0205, 13.9300



16.3902, 15.0205, 10.8395



14.9359, 15.0205, 9.3572

Triad

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



16.3902, 15.0205, 10.8395



11.5602, 15.0205, 14.5645



15.1876, 15.0205, 25.9283

Complementary

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



16.3902, 15.0205, 10.8395



15.2409, 17.6743, 25.9006

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.



13.6369, 15.0205, 26.1826



16.3902, 15.0205, 10.8395



11.6168, 15.0205, 19.0458

Square

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



16.3902, 15.0205, 10.8395



12.1921, 15.0205, 11.2313



12.3529, 15.0205, 23.4809



16.5859, 15.0205, 22.8387

Rectangle

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



16.3902, 15.0205, 10.8395



13.8951, 15.0205, 9.2654



12.3529, 15.0205, 23.4809



14.6649, 15.0205, 26.3659

Sweetspot

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



16.3906, 15.0212, 10.8398



36.8677, 37.4911, 37.0109



17.0355, 13.3117, 20.3012



8.4412, 8.5508, 8.3472



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.



16.3906, 15.0212, 10.8398



26.8653, 23.6007, 14.8269



19.0825, 20.4051, 11.7371



5.1395, 5.2619, 5.2972



10.2757, 6.2857, 0.6717



0.0793, 0.0639, 0.0082

Inverse Universe

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



15.2409, 17.6743, 25.9006



24.5260, 28.9587, 45.3453



12.6184, 12.4293, 25.0265



5.0564, 5.4558, 6.3924



8.3401, 9.9505, 23.5268



0.0678, 0.0909, 0.1604

Previews

White Background



This preview shows how the XYZ color 16.3902, 15.0205, 10.8395 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 16.3902, 15.0205, 10.8395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

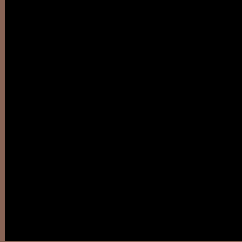
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.3902, 15.0205, 10.8395

Background



This preview shows how black text looks on a background with the XYZ color 16.3902, 15.0205, 10.8395.



This preview shows how white text looks on a background with the XYZ color 16.3902, 15.0205,

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

16.3902, 15.0205, 10.8395

Protanopia

14.1475, 15.0407, 11.8304

Deuteranopia

15.3424, 15.0685, 10.6942



Tritanopia

17.3057, 14.9726, 15.3425

Trichromacy



Original Color

16.3902, 15.0205, 10.8395

Protanomaly

14.8808, 14.9620, 11.5548

Deuteranomaly

15.6959, 15.1022, 10.6821

Tritanomaly

16.8888, 14.9356, 13.5480

Monochromacy



Original Color

16.3902, 15.0205, 10.8395

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.1107, 15.1696, 14.4435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3902, 15.0205, 10.8395 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(136, 100, 86)` looks like.

```
.text, #text, p{  
    color:rgb(136, 100, 86)  
}
```

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(136, 100, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 100, 86) }
```

Border

The CSS property to change the border of an element to XYZ 16.3902, 15.0205, 10.8395 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(136, 100, 86) }
```


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

```
.border{ border-color:rgb(136, 100, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 100, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 100, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 100, 86);  
box-shadow:4px 4px 4px 4px rgb(136, 100,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3902, 15.0205, 10.8395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 100, 86) }
```

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

```
.background{ background-color: rgb(136,  
100, 86) }
```

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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