

Converting Colors

XYZ(11.5642, 10.9771, 9.6445)

Have a look what the booklet for
XYZ(11.5642, 10.9771, 9.6445)
contains.

XYZ(11.6066, 10.9835, 9.6919)	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(11.6066, 10.9835,
9.6919)**

Conversions

Conversions Part 1

Format	Color
Hex	6F5853
RGB	111, 88, 83
RGB Percent	44%, 35%, 33%
CMY	0.5647, 0.6549, 0.6745
CMYK	0.00, 0.21, 0.25, 0.56
HSL	11°, 14%, 38%
HSV	11°, 25%, 44%
XYZ	11.6066, 10.9835, 9.6919
YIQ	94.3070, 15.3130, 3.3210

Conversions

Conversions Part 2

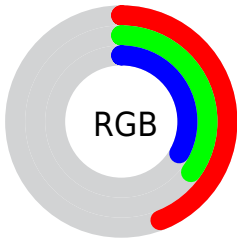
Format	Color
R_{YB}	111, 89, 83
Decimal	7297107
CIE Lab	39.55, 8.61, 6.48
CIE LCh	40, 10.777, 36.972
Yxy	10.9835, 0.3595, 0.3402
Android (android.graphics.Color)	4285487187 (0xFF6F5853)
YUV	94.3070, -5.5744, 14.6398
Hunter-Lab	33.1414, 4.5160, 5.8601

Details

The XYZ color **11.6066, 10.9835, 9.6919** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.5904, 13.2943, 16.9942**, and the grayscale version is **10.7225, 11.2810, 12.2850**.

A 20% lighter version of the original color is **28.3576, 27.6294, 25.6682**, and **3.2636, 2.9245, 2.2262** is the 20% darker color. If you saturate the color by 10%, you get **10.5098, 9.4216, 7.3785**, and if you desaturate by 10%, it is **12.8663, 12.7610, 12.3984**.

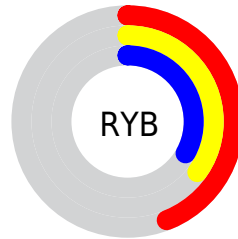
Distribution



 Red (44%)

 Green (35%)

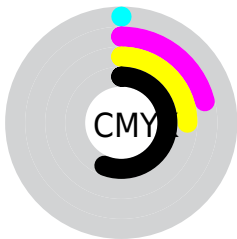
 Blue (33%)



 Red (44%)

 Yellow (35%)

 Blue (33%)

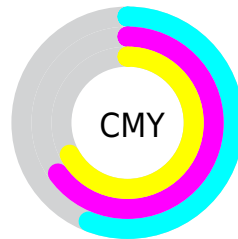



 Cyan (0%)


 Magenta (21%)

 Yellow (25%)

 Black (56%)



 Cyan (56%)

 Magenta (65%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6066, 10.9835, 9.6919 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 11.6066, 10.9835, 9.6919 by changing the saturation by 10% instead.

■ 11.6066, 10.9835,
9.6919

■ 11.6066, 10.9835,
9.6919

195.6068,
197.5543, 198.8630

■ 6.5467, 6.0557,
5.0922

■ 28.3997, 27.6297,
25.8131

■ 3.2240, 2.8790,
2.2418

■ 40.8635, 40.1168,
38.1716

■ 1.2733, 1.0689,
0.6983

■ 56.5261, 55.8926,
53.9536

■ 0.1631, 0.0000,
0.0000

■ 75.7527, 75.3414,
73.5775

■ 0.0000, 0.0000,
0.0000

■ 98.9087, 98.8476,
97.4618

126.3595,

126.7955, 126.0251

158.4704,
159.5696, 159.6860

■ 11.6066, 10.9835,
9.6919

■ 11.6066, 10.9835,
9.6919

■ 10.5098, 9.4216,
7.3785

■ 12.8663, 12.7610,
12.3984

■ 9.5683, 8.0658,
5.4393

■ 14.2942, 14.7605,
15.5144

■ 8.7751, 6.9077,
3.8547

■ 15.8966, 16.9898,
19.0564

■ 8.1225, 5.9381,
2.6030

■ 17.6793, 19.4558,
23.0394

■ 7.6021, 5.1468,
1.6603

■ 19.6476, 22.1654,
27.4781

■ 7.2044, 4.5227,
0.9993

■ 21.8066, 25.1250,
32.3862

■ 6.9151, 4.0520,
0.5699

■ 24.1615, 28.3407,
37.7769

■ 6.8028, 3.8739,
0.3892

■ 26.7169, 31.8186,
43.6630

■ 29.4776, 35.5644,
50.0566

Harmonies

Analogous

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



11.9021, 10.9835, 11.4758



11.6066, 10.9835, 9.6919



11.0006, 10.9835, 8.6154

Triad

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



11.6066, 10.9835, 9.6919



9.1952, 10.9835, 10.4485



10.6115, 10.9835, 16.4304

Complementary

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



11.6066, 10.9835, 9.6919



11.5904, 13.2943, 16.9942

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.



9.8977, 10.9835, 16.0723



11.6066, 10.9835, 9.6919



9.1019, 10.9835, 12.4559

Square

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



11.6066, 10.9835, 9.6919



9.6145, 10.9835, 9.0152



9.3534, 10.9835, 14.5550



11.3104, 10.9835, 15.4829

Rectangle

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



11.6066, 10.9835, 9.6919



10.5141, 10.9835, 8.3639



9.3534, 10.9835, 14.5550



10.3652, 10.9835, 16.4603

Sweetspot

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



11.6069, 10.9840, 9.6921



24.7985, 25.3169, 26.0324



12.2678, 10.6137, 15.1289



5.8796, 5.9731, 6.0835



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.6069, 10.9840, 9.6921



19.6504, 18.0577, 14.9540



12.8356, 13.4415, 10.1017



3.4283, 3.4891, 3.5661



8.0007, 4.5340, 0.4535



39.3891, 21.6535, 2.1035

Inverse Universe

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



11.5904, 13.2943, 16.9942



19.6139, 22.9159, 30.3192



10.2927, 10.6990, 16.5616



3.4268, 3.7188, 4.2914



7.7898, 10.1699, 19.2740



38.2360, 49.5240, 95.8230

Previews

White Background



This preview shows how the XYZ color 11.6066, 10.9835, 9.6919 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 11.6066, 10.9835, 9.6919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

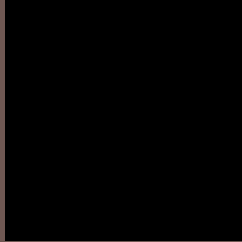
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.6066, 10.9835, 9.6919

Background



This preview shows how black text looks on a background with the XYZ color 11.6066, 10.9835, 9.6919.



This preview shows how white text looks on a background with the XYZ color 11.6066, 10.9835,

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

11.6066, 10.9835, 9.6919

Protanopia

10.5238, 11.0420, 10.3807

Deuteranopia

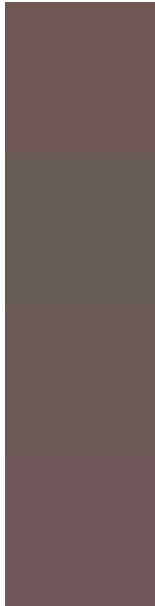
11.1614, 11.0010, 9.7188



Tritanopia

11.9857, 10.8906, 11.8263

Trichromacy



Original Color

11.6066, 10.9835, 9.6919

Protanomaly

10.8603, 10.9628, 10.1380

Deuteranomaly

11.3181, 10.9574, 9.7021

Tritanomaly

11.8935, 10.9824, 10.9442

Monochromacy



Original Color

11.6066, 10.9835, 9.6919

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.9281, 11.1018, 11.2397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6066, 10.9835, 9.6919 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(111, 88, 83)` looks like.

```
.text, #text, p{  
    color:rgb(111, 88, 83)  
}
```

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(111, 88, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 88, 83) }
```

Border

The CSS property to change the border of an element to XYZ 11.6066, 10.9835, 9.6919 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(111, 88, 83) }
```


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

```
.border{ border-color:rgb(111, 88, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 88, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 88, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 88, 83);  
box-shadow:4px 4px 4px 4px rgb(111, 88,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6066, 10.9835, 9.6919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 88, 83) }
```

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

```
.background{ background-color: rgb(111, 88,  
83) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor