

Converting Colors

XYZ(11.9624, 11.4551, 10.3793)

Have a look what the booklet for
XYZ(11.9624, 11.4551, 10.3793)
contains.

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Color

**XYZ(11.8914, 11.3637,
10.3708)**

Conversions

Conversions Part 1	
Format	Color
Hex	6F5A56
RGB	111, 90, 86
RGB Percent	44%, 35%, 34%
CMY	0.5647, 0.6470, 0.6627
CMYK	0.00, 0.19, 0.23, 0.56
HSL	10°, 13%, 39%
HSV	10°, 23%, 44%
XYZ	11.8914, 11.3637, 10.3708
YIQ	95.8230, 13.8000, 3.2080

Conversions

Conversions Part 2

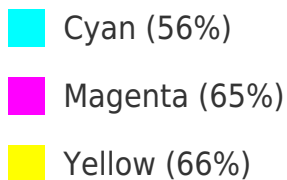
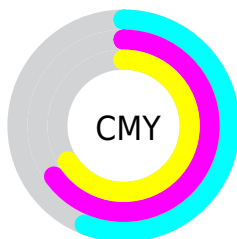
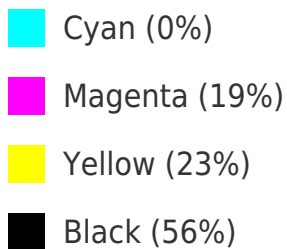
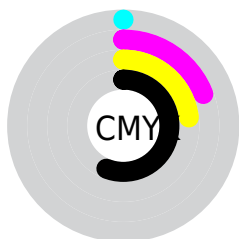
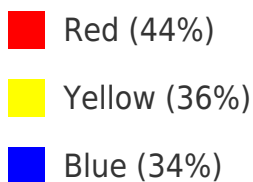
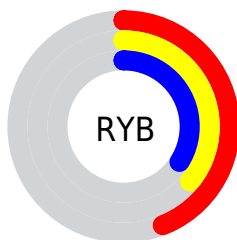
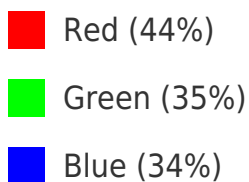
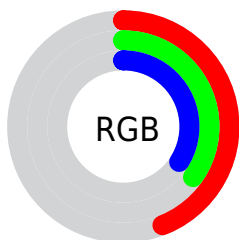
Format	Color
RYB	111, 91, 86
Decimal	7297622
CIELab	40.19, 7.89, 5.54
CIELCh	40, 9.639, 35.052
Yxy	11.3637, 0.3536, 0.3379
Android (android.graphics.Color)	4285487702 (0xFF6F5A56)
YUV	95.8230, -4.8427, 13.3102
Hunter-Lab	33.7101, 3.9741, 5.3567

Details

The XYZ color **11.8914, 11.3637, 10.3708** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.9646, 13.6412, 17.0414**, and the grayscale version is **11.0846, 11.6618, 12.6997**.

A 20% lighter version of the original color is **28.9263, 28.3203, 27.2343**, and **3.3508, 3.0182, 2.5038** is the 20% darker color. If you saturate the color by 10%, you get **10.7408, 9.7235, 7.9496**, and if you desaturate by 10%, it is **13.2107, 13.2300, 13.1913**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 11.8914, 11.3637, 10.3708 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 11.8914, 11.3637, 10.3708 by changing the saturation by 10% instead.


 11.8914, 11.3637,
10.3708


 11.8914, 11.3637,
10.3708


197.4696,
200.1460, 203.8785


 6.7414, 6.3120,
5.5367


 28.9157, 28.3308,
27.1093


 3.3458, 3.0357,
2.5013

 41.5208, 41.0150,
39.8507


 1.3392, 1.1504,
0.8408

 57.3417, 57.0121,
56.0651

 0.2122, 0.0206,
0.0000

 76.7436, 76.7066,
76.1708

 0.0000, 0.0000,
0.0000

 100.0920,
100.4829, 100.5864

127.7523,

128.7252, 129.7306

160.0897,
161.8182, 164.0217

■ 11.8914, 11.3637,
10.3708

■ 11.8914, 11.3637,
10.3708

■ 10.7408, 9.7235,
7.9496

■ 13.2107, 13.2300,
13.1913

■ 9.7513, 8.2994,
5.9088

■ 14.7043, 15.3290,
16.4273

■ 8.9157, 7.0827,
4.2294


■ 16.3786, 17.6690,
20.0949


■ 8.2263, 6.0637,
2.8901


■ 18.2393, 20.2571,
24.2092


■ 7.6744, 5.2319,
1.8675


■ 20.2921, 23.1005,
28.7845


 7.2504, 4.5756,
1.1352


 22.5423, 26.2059,
33.8346

 6.9432, 4.0820,
0.6603

 24.9948, 29.5799,
39.3726

 6.7681, 3.8047,
0.3777

 27.6547, 33.2285,
45.4112

 30.5267, 37.1580,
51.9625

Harmonies

Analogous

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



12.1371, 11.3637, 12.0507



11.8914, 11.3637, 10.3708



11.3540, 11.3637, 9.3173

Triad

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



11.8914, 11.3637, 10.3708



9.6732, 11.3637, 10.8797



10.9148, 11.3637, 16.4290

Complementary

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



11.8914, 11.3637, 10.3708



11.9646, 13.6412, 17.0414

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.



10.2660, 11.3637, 16.0332



11.8914, 11.3637, 10.3708



9.5665, 11.3637, 12.7012

Square

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



11.8914, 11.3637, 10.3708



10.0770, 11.3637, 9.5891



9.7791, 11.3637, 14.6179



11.5586, 11.3637, 15.6498

Rectangle

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



11.8914, 11.3637, 10.3708



10.9125, 11.3637, 9.0461



9.7791, 11.3637, 14.6179



10.6900, 11.3637, 16.4297

Sweetspot

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



11.8917, 11.3642, 10.3710



25.0422, 25.6415, 26.6160



12.5504, 11.1020, 15.4605



5.9916, 6.1255, 6.3408



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.



11.8917, 11.3642, 10.3710



20.1829, 18.7685, 16.2234



13.0113, 13.6034, 10.7442



3.4237, 3.4799, 3.5646



7.9610, 4.4544, 0.4402



39.2266, 21.3284, 2.0493

Inverse Universe

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



11.9646, 13.6412, 17.0414



20.3367, 23.6106, 30.4152



10.7769, 11.2657, 16.6455



3.4317, 3.7287, 4.2931



8.0022, 10.5947, 19.3448



39.3384, 51.7287, 96.1904

Previews

White Background



This preview shows how the XYZ color 11.8914, 11.3637, 10.3708 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 11.8914, 11.3637, 10.3708 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 11.8914, 11.3637, 10.3708

Background



This preview shows how black text looks on a background with the XYZ color 11.8914, 11.3637, 10.3708.



This preview shows how white text looks on a background with the XYZ color 11.8914, 11.3637,

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

11.8914, 11.3637, 10.3708

Protanopia

10.8012, 11.3067, 10.8456

Deuteranopia

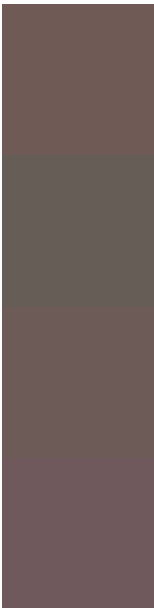
11.4842, 11.2799, 10.3760



Tritanopia

12.3200, 11.4157, 12.3806

Trichromacy



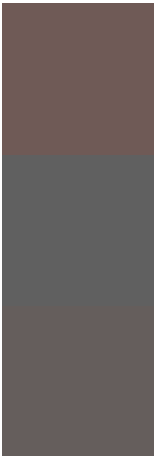
Original Color
11.8914, 11.3637, 10.3708

Protanomaly
11.2282, 11.4004, 10.6255

Deuteranomaly
11.6051, 11.3422, 10.3817

Tritanomaly
12.1862, 11.3622, 11.6761

Monochromacy



Original Color
11.8914, 11.3637, 10.3708

Achromatopsia
11.1181, 11.6971, 12.7381

Achromatomaly
11.3013, 11.5448, 11.7579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8914, 11.3637, 10.3708 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, 90, 86)` looks like.

```
.text, #text, p{  
    color:rgb(111, 90, 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(111, 90, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 90, 86) }
```

Border

The CSS property to change the border of an element to XYZ 11.8914, 11.3637, 10.3708 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, 90, 86) }
```


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

```
.border{ border-color:rgb(111, 90, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 90, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 90, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 90, 86);  
box-shadow:4px 4px 4px 4px rgb(111, 90,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8914, 11.3637, 10.3708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(111, 90, 86) }
```

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

```
.background{ background-color:rgb(111, 90,  
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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