

Converting Colors

XYZ(11.3704, 11.9646, 11.3506)

Have a look what the booklet for
XYZ(11.3704, 11.9646, 11.3506)
contains.

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Color

**XYZ(11.3757, 11.9969,
11.3889)**

Conversions

Conversions Part 1

Format	Color
Hex	64615A
RGB	100, 97, 90
RGB Percent	39%, 38%, 35%
CMY	0.6078, 0.6196, 0.6471
CMYK	0.00, 0.03, 0.10, 0.61
HSL	42°, 5%, 37%
HSV	42°, 10%, 39%
XYZ	11.3757, 11.9969, 11.3889
YIQ	97.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

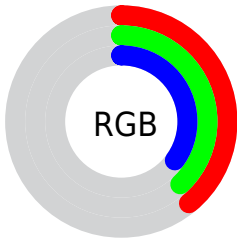
Format	Color
R_{YB}	94, 100, 90
Decimal	6578522
CIE _{Lab}	41.21, -0.19, 4.41
CIE _{LCh}	41, 4.411, 92.530
Yxy	11.9969, 0.3272, 0.3451
Android (android.graphics.Color)	4284768602 (0xFF64615A)
YUV	97.0990, -3.4998, 2.5442
Hunter-Lab	34.6365, -1.9891, 4.7503

Details

The XYZ color **11.3757, 11.9969, 11.3889** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.4310, 10.9223, 13.6152**, and the grayscale version is **11.3945, 11.9879, 13.0549**.

A 20% lighter version of the original color is **28.0860, 29.6526, 29.0542**, and **3.1066, 3.3064, 2.8573** is the 20% darker color. If you saturate the color by 10%, you get **10.7067, 11.2948, 9.2053**, and if you desaturate by 10%, it is **12.1131, 12.7440, 13.8782**.

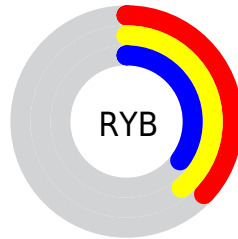
Distribution



Red (39%)

Green (38%)

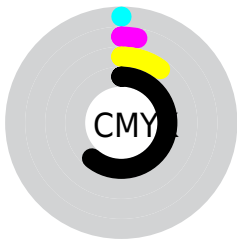
Blue (35%)



Red (37%)

Yellow (39%)

Blue (35%)

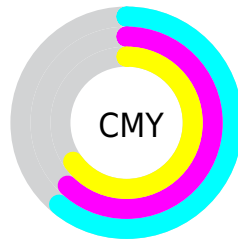


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (61%)



Cyan (61%)

Magenta (62%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3757, 11.9969, 11.3889 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 11.3757, 11.9969, 11.3889 by changing the saturation by 10% instead.

■ 11.3757, 11.9969,
11.3889

■ 11.3757, 11.9969,
11.3889

194.0828,
204.3848, 211.1488

■ 6.3893, 6.7416,
6.2116

■ 27.9797, 29.4895,
29.0247

■ 3.1261, 3.3010,
2.9033

■ 40.3279, 42.4955,
42.3202

■ 1.2208, 1.2908,
1.0455

■ 55.8609, 58.8538,
59.1589

■ 0.1227, 0.1341,
0.0000

■ 74.9438, 78.9490,
79.9593

■ 0.0000, 0.0000,
0.0000

97.9421, 103.1652,
105.1400

125.2211,

131.8870, 135.1194

157.1462,
165.4987, 170.3162

■ 11.3757, 11.9969,
11.3889

■ 11.3757, 11.9969,
11.3889

■ 10.7067, 11.2948,
9.2053

■ 12.1131, 12.7440,
13.8782

■ 10.1027, 10.6348,
7.3147

■ 12.9203, 13.5354,
16.6837

■ 9.5616, 10.0164,
5.7044

■ 13.7995, 14.3729,
19.8165

■ 9.0806, 9.4382,
4.3608

■ 14.7530, 15.2573,
23.2868

■ 8.6568, 8.8990,
3.2689

■ 15.7827, 16.1897,
27.1044

■ 8.2869, 8.3971,
2.4123

■ 16.8905, 17.1709,
31.2787

■ 7.9674, 7.9309,
1.7727

■ 18.0781, 18.2018,
35.8187

■ 7.6941, 7.4987,
1.3290

■ 19.3473, 19.2834,
40.7332

■ 7.4470, 7.0921,
0.9764

■ 20.6998, 20.4164,
46.0305

Harmonies

Analogous

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



11.6873, 11.9969, 11.5686



11.3757, 11.9969, 11.3889



11.0768, 11.9969, 11.6401

Triad

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



11.3757, 11.9969, 11.3889



10.8945, 11.9969, 14.0278



11.9543, 11.9969, 13.8877

Complementary

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



11.3757, 11.9969, 11.3889



10.4310, 10.9223, 13.6152

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.



11.7349, 11.9969, 14.5965



11.3757, 11.9969, 11.3889



11.1228, 11.9969, 14.6800

Square

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



11.3757, 11.9969, 11.3889



10.8022, 11.9969, 13.1401



11.4297, 11.9969, 14.8927



12.0250, 11.9969, 12.9854

Rectangle

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



11.3757, 11.9969, 11.3889



10.9239, 11.9969, 12.0252



11.4297, 11.9969, 14.8927



11.8953, 11.9969, 14.1579

Sweetspot

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



11.3760, 11.9974, 11.3892



20.8236, 21.9290, 22.9241



10.8876, 10.8121, 11.8692



5.1019, 5.3737, 5.5665



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



11.3760, 11.9974, 11.3892



19.6569, 20.7362, 19.0189



11.4398, 12.4494, 11.4730



2.9745, 3.1365, 3.0231



9.9315, 9.4162, 1.2941



51.0076, 47.5291, 6.4856

Inverse Universe

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



10.4310, 10.9223, 13.6152



17.6414, 18.4432, 23.7668



10.3702, 10.5079, 13.5384



2.7535, 2.8850, 3.5437



3.6638, 2.3993, 16.4143



18.4228, 11.1423, 85.3811

Previews

White Background



This preview shows how the XYZ color 11.3757, 11.9969, 11.3889 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 11.3757, 11.9969, 11.3889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

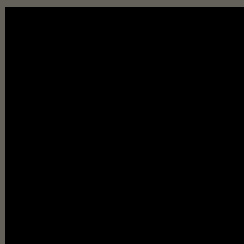
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

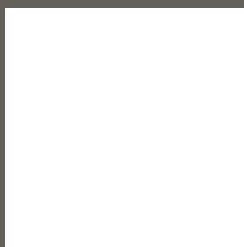
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3757, 11.9969, 11.3889

Background



This preview shows how black text looks on a background with the XYZ color 11.3757, 11.9969, 11.3889.



This preview shows how white text looks on a background with the XYZ color 11.3757, 11.9969,

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

11.3757, 11.9969, 11.3889

Protanopia

11.4870, 12.0543, 11.3941

Deuteranopia

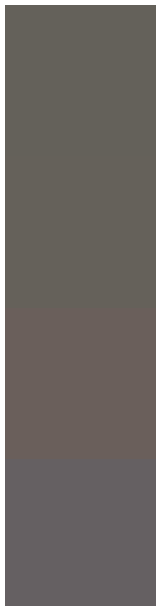
12.1977, 12.0119, 11.5732



Tritanopia

12.0199, 11.9885, 14.5125

Trichromacy



Original Color

11.3757, 11.9969, 11.3889

Protanomaly

11.4870, 12.0543, 11.3941

Deuteranomaly

11.9244, 12.0039, 11.5860

Tritanomaly

11.7543, 12.0143, 13.2547

Monochromacy



Original Color

11.3757, 11.9969, 11.3889

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.3321, 11.9542, 12.2998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3757, 11.9969, 11.3889 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(100, 97, 90)` looks like.

```
.text, #text, p{  
    color:rgb(100, 97, 90)  
}
```

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(100, 97, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 97, 90) }
```

Border

The CSS property to change the border of an element to XYZ 11.3757, 11.9969, 11.3889 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(100, 97, 90) }
```


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

```
.border{ border-color:rgb(100, 97, 90) }
```

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

Here you see how a box with a 4 pixel rgb(100, 97, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 97, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 97, 90);  
box-shadow:4px 4px 4px 4px rgb(100, 97,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3757, 11.9969, 11.3889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 97, 90) }
```

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

```
.background{ background-color: rgb(100, 97,  
90) }
```

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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