

Converting Colors

XYZ(11.2414, 11.7356, 11.3670)

Have a look what the booklet for
XYZ(11.2414, 11.7356, 11.3670)
contains.

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Color

**XYZ(11.2839, 11.8133,
11.3583)**

Conversions

Conversions Part 1

Format	Color
Hex	64605A
RGB	100, 96, 90
RGB Percent	39%, 38%, 35%
CMY	0.6078, 0.6235, 0.6471
CMYK	0.00, 0.04, 0.10, 0.61
HSL	36°, 5%, 37%
HSV	36°, 10%, 39%
XYZ	11.2839, 11.8133, 11.3583
YIQ	96.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

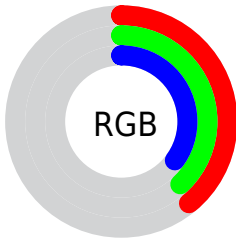
Format	Color
RYB	97, 100, 90
Decimal	6578266
CIELab	40.92, 0.41, 3.99
CIElCh	41, 4.006, 84.196
Yxy	11.8133, 0.3275, 0.3429
Android (android.graphics.Color)	4284768346 (0xFF64605A)
YUV	96.5120, -3.2104, 3.0590
Hunter-Lab	34.3705, -1.5464, 4.4660

Details

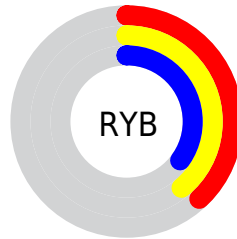
The XYZ color **11.2839, 11.8133, 11.3583** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.5194, 11.0989, 13.6446**, and the grayscale version is **11.2499, 11.8358, 12.8892**.

A 20% lighter version of the original color is **27.7750, 29.0305, 28.9505**, and **3.0634, 3.2199, 2.8429** is the 20% darker color. If you saturate the color by 10%, you get **10.5312, 10.9437, 9.1468**, and if you desaturate by 10%, it is **12.1131, 12.7440, 13.8782**.

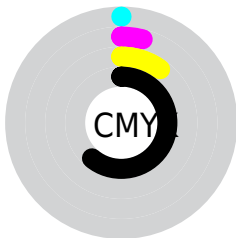
Distribution



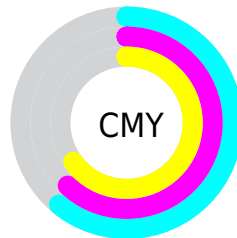
- Red (39%)
- Green (38%)
- Blue (35%)



- Red (38%)
- Yellow (39%)
- Blue (35%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (61%)



- Cyan (61%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2839, 11.8133, 11.3583 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 11.2839, 11.8133, 11.3583 by changing the saturation by 10% instead.

■ 11.2839, 11.8133,
11.3583

■ 11.2839, 11.8133,
11.3583

193.4734,
203.1653, 210.9344

■ 6.3268, 6.6167,
6.1912

■ 27.8123, 29.1546,
28.9676

■ 3.0874, 3.2236,
2.8910

■ 40.1143, 42.0681,
42.2468

■ 1.2001, 1.2495,
1.0393

■ 55.5953, 58.3226,
59.0671

■ 0.1065, 0.1016,
0.0000

■ 74.6208, 78.3027,
79.8471

■ 0.0000, 0.0000,
0.0000

97.5559, 102.3926,
105.0053

124.7662,

130.9767, 134.9602

156.6169,
164.4395, 170.1304

■ 11.2839, 11.8133,
11.3583

■ 11.2839, 11.8133,
11.3583

■ 10.5312, 10.9437,
9.1468

■ 12.1131, 12.7440,
13.8782

■ 9.8514, 10.1322,
7.2309

■ 13.0203, 13.7355,
16.7170

■ 9.2423, 9.3777,
5.5980

■ 14.0080, 14.7898,
19.8860

■ 8.7008, 8.6786,
4.2342

■ 15.0785, 15.9082,
23.3953

■ 8.2240, 8.0333,
3.1246

■ 16.2338, 17.0918,
27.2548

■ 7.8083, 7.4398,
2.2528

■ 17.4760, 18.3420,
31.4739

■ 7.4501, 6.8963,
1.6003

■ 18.8070, 19.6597,
36.0617

■ 7.1449, 6.4003,
1.1460

■ 20.2287, 21.0463,
41.0270

■ 6.8726, 5.9434,
0.7850

■ 21.7430, 22.5028,
46.3782

Harmonies

Analogous

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



11.5530, 11.8133, 11.6270



11.2839, 11.8133, 11.3583



11.0043, 11.8133, 11.4787

Triad

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



11.2839, 11.8133, 11.3583



10.7339, 11.8133, 13.5192



11.6802, 11.8133, 13.8064

Complementary

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



11.2839, 11.8133, 11.3583



10.5194, 11.0989, 13.6446

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.



11.4551, 11.8133, 14.3537



11.2839, 11.8133, 11.3583



10.9095, 11.8133, 14.1830

Square

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



11.2839, 11.8133, 11.3583



10.6898, 11.8133, 12.7040



11.1727, 11.8133, 14.4943



11.7843, 11.8133, 13.0226

Rectangle

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



11.2839, 11.8133, 11.3583



10.8491, 11.8133, 11.7660



11.1727, 11.8133, 14.4943



11.6160, 11.8133, 14.0254

Sweetspot

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



11.2842, 11.8138, 11.3586



20.7724, 21.8265, 22.9071



10.9322, 10.8300, 12.1040



5.0866, 5.3431, 5.5614



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.



11.2842, 11.8138, 11.3586



19.4602, 20.3428, 18.9533



11.5484, 12.5054, 11.4781



2.9531, 3.0936, 3.0159



9.1578, 7.8688, 1.0362



46.8908, 39.2954, 5.1134

Inverse Universe

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



10.5194, 11.0989, 13.6446



17.8289, 18.8181, 23.8293



10.2709, 10.4567, 13.5338



2.7742, 2.9264, 3.5506



4.0523, 3.1763, 16.5438



20.3252, 14.9471, 86.0152

Previews

White Background



This preview shows how the XYZ color 11.2839, 11.8133, 11.3583 looks on a white background.

Color Contrast Check

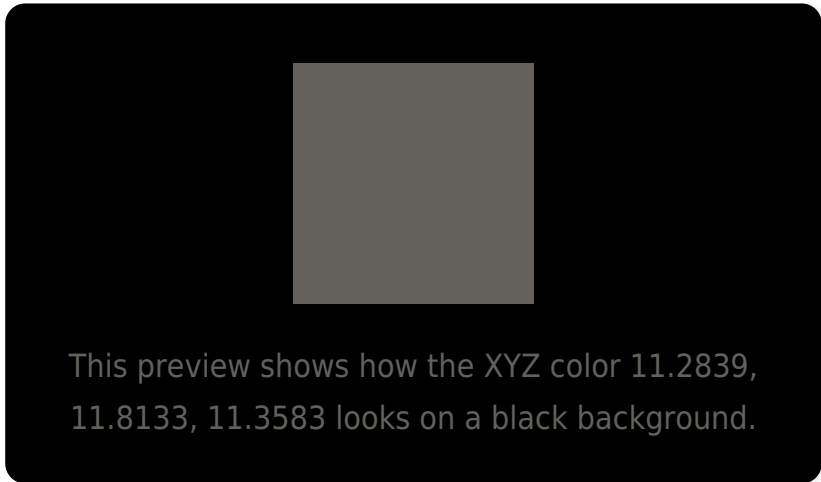
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

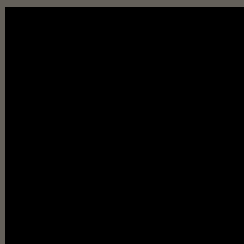
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

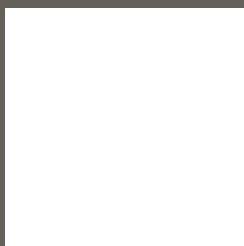
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.2839, 11.8133, 11.3583

Background



This preview shows how black text looks on a background with the XYZ color 11.2839, 11.8133, 11.3583.



This preview shows how white text looks on a background with the XYZ color 11.2839, 11.8133,

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

11.2839, 11.8133, 11.3583

Protanopia

11.2839, 11.8133, 11.3583

Deuteranopia

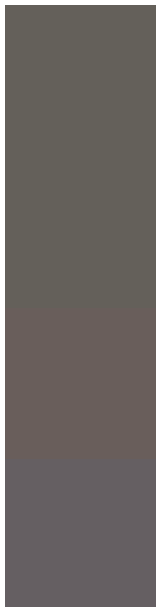
11.9870, 11.7722, 11.5380



Tritanopia

11.8805, 11.7895, 14.2198

Trichromacy



Original Color

11.2839, 11.8133, 11.3583

Protanomaly

11.2839, 11.8133, 11.3583

Deuteranomaly

11.7167, 11.7640, 11.5507

Tritanomaly

11.6636, 11.8330, 13.2245

Monochromacy



Original Color

11.2839, 11.8133, 11.3583

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 11.2839, 11.8133, 11.3583 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, 96, 90)` looks like.

```
.text, #text, p{  
    color:rgb(100, 96, 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, 96, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 96, 90) }
```

Border

The CSS property to change the border of an element to XYZ 11.2839, 11.8133, 11.3583 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, 96, 90) }
```


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

```
.border{ border-color:rgb(100, 96, 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, 96, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 96, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 96, 90);  
box-shadow:4px 4px 4px 4px rgb(100, 96,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2839, 11.8133, 11.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 96, 90) }
```

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

```
.background{ background-color: rgb(100, 96,  
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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