

Converting Colors

XYZ(11.8845, 11.8212, 11.7698)

Have a look what the booklet for
XYZ(11.8845, 11.8212, 11.7698)
contains.

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Color

**XYZ(11.8783, 11.8423,
11.7849)**

Conversions

Conversions Part 1

Format	Color
Hex	6A5E5C
RGB	106, 94, 92
RGB Percent	42%, 37%, 36%
CMY	0.5843, 0.6314, 0.6392
CMYK	0.00, 0.11, 0.13, 0.58
HSL	9°, 7%, 39%
HSV	9°, 13%, 42%
XYZ	11.8783, 11.8423, 11.7849
YIQ	97.3600, 7.7940, 1.9220

Conversions

Conversions Part 2

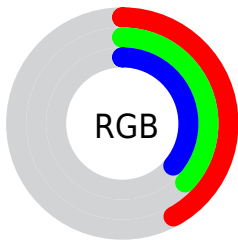
Format	Color
R_{YB}	106, 94, 92
Decimal	6970972
CIE Lab	40.96, 4.45, 2.90
CIE LCh	41, 5.309, 33.130
Yxy	11.8423, 0.3345, 0.3335
Android (android.graphics.Color)	4285161052 (0xFF6A5E5C)
YUV	97.3600, -2.6425, 7.5773
Hunter-Lab	34.4126, 1.3912, 3.7845

Details

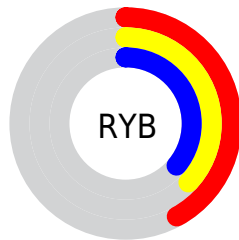
The XYZ color **11.8783, 11.8423, 11.7849** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.9653, 13.2161, 15.5560**, and the grayscale version is **11.4561, 12.0527, 13.1254**.

A 20% lighter version of the original color is **28.7604, 29.0676, 29.6860**, and **3.3537, 3.2410, 3.0336** is the 20% darker color. If you saturate the color by 10%, you get **10.6863, 10.1486, 9.2592**, and if you desaturate by 10%, it is **13.2309, 13.7532, 14.6844**.

Distribution



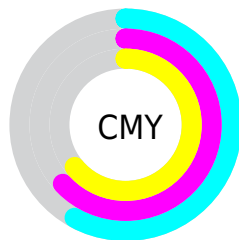
- Red (42%)
- Green (37%)
- Blue (36%)



- Red (42%)
- Yellow (37%)
- Blue (36%)



- Cyan (0%)
- Magenta (11%)
- Yellow (13%)
- Black (58%)



- Cyan (58%)
- Magenta (63%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8783, 11.8423, 11.7849 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 11.8783, 11.8423, 11.7849 by changing the saturation by 10% instead.

■ 11.8783, 11.8423,
11.7849

■ 11.8783, 11.8423,
11.7849

197.3843,
203.3585, 213.9032

■ 6.7325, 6.6364,
6.4766

■ 28.8920, 29.2076,
29.7612

■ 3.3402, 3.2358,
3.0636

■ 41.4907, 42.1357,
43.2664

■ 1.3361, 1.2560,
1.1272

■ 57.3043, 58.4067,
60.3409

■ 0.2100, 0.1068,
0.0000

■ 76.6982, 78.4050,
81.4034

■ 0.0000, 0.0000,
0.0000

100.0378,
102.5149, 106.8723

127.6885,

131.1208, 137.1662

160.0155,
164.6072, 172.7036

■ 11.8783, 11.8423,
11.7849

■ 11.8783, 11.8423,
11.7849

■ 10.6863, 10.1486,
9.2592

■ 13.2309, 13.7532,
14.6844

■ 9.6479, 8.6628,
7.0913

■ 14.7488, 15.8870,
17.9712

■ 8.7572, 7.3774,
5.2652

■ 16.4377, 18.2510,
21.6592

■ 8.0074, 6.2837,
3.7635

■ 18.3027, 20.8520,
25.7612

■ 7.3911, 5.3726,
2.5670

■ 20.3486, 23.6963,
30.2896

■ 6.9003, 4.6340,
1.6547

■ 22.5803, 26.7899,
35.2563

■ 6.5263, 4.0569,
1.0028

■ 25.0022, 30.1387,
40.6725

■ 6.2576, 3.6286,
0.5773

■ 27.6188, 33.7486,
46.5493

■ 6.1170, 3.4104,
0.3359

■ 30.4343, 37.6249,
52.8971

Harmonies

Analogous

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



12.0006, 11.8423, 12.7804



11.8783, 11.8423, 11.7849



11.5890, 11.8423, 11.1175

Triad

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



11.8783, 11.8423, 11.7849



10.6170, 11.8423, 11.9721



11.2957, 11.8423, 15.0968

Complementary

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



11.8783, 11.8423, 11.7849



11.9653, 13.2161, 15.5560

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.



10.9290, 11.8423, 14.8508



11.8783, 11.8423, 11.7849



10.5424, 11.8423, 13.0087

Square

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



11.8783, 11.8423, 11.7849



10.8614, 11.8423, 11.2213



10.6553, 11.8423, 14.0711



11.6595, 11.8423, 14.7257

Rectangle

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



11.8783, 11.8423, 11.7849



11.3433, 11.8423, 10.9277



10.6553, 11.8423, 14.0711



11.1686, 11.8423, 15.0836

Sweetspot

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



11.8786, 11.8428, 11.7852



22.9944, 23.8185, 25.2842



12.2765, 11.7208, 14.7476



5.3520, 5.5309, 5.8486



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.8786, 11.8428, 11.7852



20.1401, 19.7817, 19.1787



12.5164, 13.1184, 11.9978



3.1315, 3.1803, 3.2663



7.5735, 4.1968, 0.4109



38.1879, 20.5795, 1.9595

Inverse Universe

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



11.9653, 13.2161, 15.5560



20.3253, 22.7188, 27.2450



11.3023, 11.8901, 15.3350



3.1468, 3.4218, 3.9295



7.8360, 10.5062, 18.5372



39.4444, 52.5674, 94.2938

Previews

White Background



This preview shows how the XYZ color 11.8783, 11.8423, 11.7849 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 11.8783, 11.8423, 11.7849 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 11.8783, 11.8423, 11.7849

Background



This preview shows how black text looks on a background with the XYZ color 11.8783, 11.8423, 11.7849.



This preview shows how white text looks on a background with the XYZ color 11.8783, 11.8423,

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

11.8783, 11.8423, 11.7849

Protanopia

11.3042, 11.8087, 12.0394

Deuteranopia

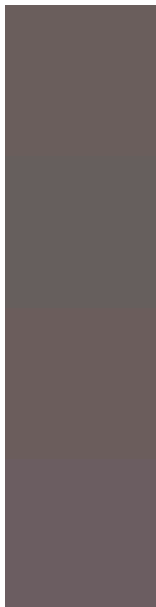
12.0305, 11.7896, 11.7668



Tritanopia

12.2780, 11.8746, 13.7015

Trichromacy



Original Color

11.8783, 11.8423, 11.7849

Protanomaly

11.5475, 11.7995, 12.0248

Deuteranomaly

11.9095, 11.7272, 11.7611

Tritanomaly

12.1354, 11.8176, 12.9507

Monochromacy



Original Color

11.8783, 11.8423, 11.7849

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.5040, 11.9013, 12.5173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8783, 11.8423, 11.7849 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(106, 94, 92)` looks like.

```
.text, #text, p{  
    color:rgb(106, 94, 92)  
}
```

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(106, 94, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 94, 92) }
```

Border

The CSS property to change the border of an element to XYZ 11.8783, 11.8423, 11.7849 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(106, 94, 92) }
```


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

```
.border{ border-color:rgb(106, 94, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 94, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 94, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 94, 92);  
box-shadow:4px 4px 4px 4px rgb(106, 94,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8783, 11.8423, 11.7849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 94, 92) }
```

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

```
.background{ background-color: rgb(106, 94,  
92) }
```

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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