

Converting Colors

XYZ(11.8728, 10.9312, 12.7935)

Have a look what the booklet for
XYZ(11.8728, 10.9312, 12.7935)
contains.

XYZ(11.8725, 10.9307, 12.7933)	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(11.8725, 10.9307,
12.7933)**

Conversions

Conversions Part 1

Format	Color
Hex	6D5761
RGB	109, 87, 97
RGB Percent	43%, 34%, 38%
CMY	0.5725, 0.6588, 0.6196
CMYK	0.00, 0.20, 0.11, 0.57
HSL	333°, 11%, 38%
HSV	333°, 20%, 43%
XYZ	11.8725, 10.9307, 12.7933
YIQ	94.7180, 9.9020, 7.7740

Conversions

Conversions Part 2

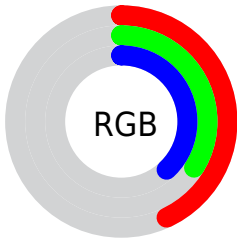
Format	Color
R_{YB}	109, 87, 97
Decimal	7165793
CIE Lab	39.46, 10.87, -2.33
CIE LCh	39, 11.121, 347.903
Yxy	10.9307, 0.3335, 0.3071
Android (android.graphics.Color)	4285355873 (0xFF6D5761)
YUV	94.7180, 1.1250, 12.5253
Hunter-Lab	33.0616, 6.2419, 0.2007

Details

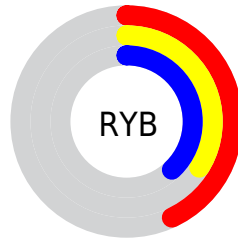
The XYZ color **11.8725, 10.9307, 12.7933** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.6517, 13.8646, 13.8671**, and the grayscale version is **10.8058, 11.3686, 12.3804**.

A 20% lighter version of the original color is **28.9889, 27.6065, 31.8177**, and **3.3500, 2.8870, 3.5127** is the 20% darker color. If you saturate the color by 10%, you get **10.7889, 9.1906, 11.1151**, and if you desaturate by 10%, it is **13.1108, 12.9467, 14.6258**.

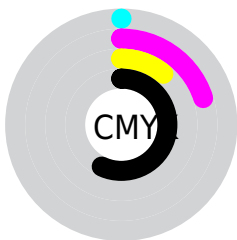
Distribution



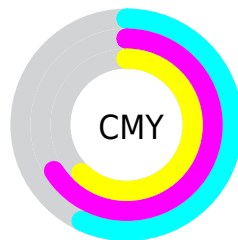
- Red (43%)
- Green (34%)
- Blue (38%)



- Red (43%)
- Yellow (34%)
- Blue (38%)



- Cyan (0%)
- Magenta (20%)
- Yellow (11%)
- Black (57%)



- Cyan (57%)
- Magenta (66%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8725, 10.9307, 12.7933 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 11.8725, 10.9307, 12.7933 by changing the saturation by 10% instead.

■ 11.8725, 10.9307,
12.7933

■ 11.8725, 10.9307,
12.7933

197.3466,
197.1915, 220.7498

■ 6.7285, 6.0203,
7.1573

■ 28.8816, 27.5319,
31.6177

■ 3.3377, 2.8574,
3.4807

■ 41.4773, 39.9915,
45.6431

■ 1.3348, 1.0577,
1.3450

■ 57.2877, 55.7363,
63.3021

■ 0.2090, 0.0000,
0.0983

■ 76.6781, 75.1506,
85.0133

■ 0.0000, 0.0000,
0.0000

■ 100.0138, 98.6189,
111.1951

127.6602,

126.5256, 142.2661

159.9827,
159.2550, 178.6448

■ 11.8725, 10.9307,
12.7933

■ 11.8725, 10.9307,
12.7933

■ 10.7889, 9.1906,
11.1151

■ 13.1108, 12.9467,
14.6258

■ 9.8527, 7.7128,
9.5863

■ 14.5089, 15.2484,
16.6162

■ 9.0572, 6.4847,
8.2024

■ 16.0727, 17.8470,
18.7687

■ 8.3951, 5.4923,
6.9586

■ 17.8078, 20.7526,
21.0871

■ 7.8581, 4.7200,
5.8496

■ 19.7192, 23.9750,
23.5752

■ 7.4371, 4.1504,
4.8699

■ 21.8118, 27.5233,
26.2364

■ 7.1216, 3.7633,
4.0131

■ 24.0905, 31.4065,
29.0743

■ 6.8725, 3.4775,
3.2747

■ 26.5597, 35.6329,
32.0922

■ 29.2238, 40.2110,
35.2934

Harmonies

Analogous

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



11.5027, 10.9307, 14.9081



11.8725, 10.9307, 12.7933



11.8310, 10.9307, 10.6703

Triad

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



11.8725, 10.9307, 12.7933



9.9499, 10.9307, 8.3714



9.4473, 10.9307, 15.2564

Complementary

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



11.8725, 10.9307, 12.7933



11.6517, 13.8646, 13.8671

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.



9.0698, 10.9307, 13.2243



11.8725, 10.9307, 12.7933



9.3502, 10.9307, 9.3293

Square

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



11.8725, 10.9307, 12.7933



10.6961, 10.9307, 8.2856



9.0351, 10.9307, 11.0525



10.0884, 10.9307, 16.4412

Rectangle

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



11.8725, 10.9307, 12.7933



11.5759, 10.9307, 9.5286



9.0351, 10.9307, 11.0525



9.2867, 10.9307, 14.6392

Sweetspot

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



11.8728, 10.9312, 12.7935



24.4469, 24.7748, 27.5862



11.2854, 10.5588, 15.9112



5.6638, 5.7240, 6.3836



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.8728, 10.9312, 12.7935



20.3562, 18.1165, 21.5273



11.4952, 10.8756, 10.5108



3.1516, 3.1375, 3.5287



8.0263, 4.0626, 3.7670



40.4699, 20.5299, 16.9433

Inverse Universe

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



11.8728, 10.9312, 12.7935



20.3562, 18.1165, 21.5273



12.0818, 13.9120, 16.5165



3.1516, 3.1375, 3.5287



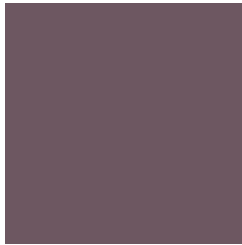
8.0263, 4.0626, 3.7670



40.4699, 20.5299, 16.9433

Previews

White Background



This preview shows how the XYZ color 11.8725, 10.9307, 12.7933 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 11.8725, 10.9307, 12.7933 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 11.8725, 10.9307, 12.7933

Background



This preview shows how black text looks on a background with the XYZ color 11.8725, 10.9307, 12.7933.



This preview shows how white text looks on a background with the XYZ color 11.8725, 10.9307,

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

11.8725, 10.9307, 12.7933

Protanopia

10.7288, 11.0760, 13.6290

Deuteranopia

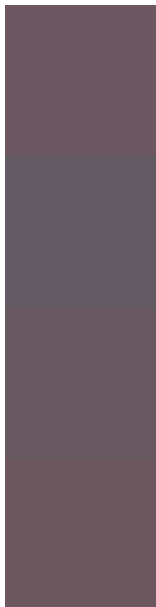
11.1343, 10.9236, 12.5879



Tritanopia

11.7352, 10.8758, 12.0704

Trichromacy



Original Color

11.8725, 10.9307, 12.7933

Protanomaly

11.1388, 11.0357, 13.3474

Deuteranomaly

11.3926, 10.9323, 12.5760

Tritanomaly

11.7804, 10.8938, 12.3083

Monochromacy



Original Color

11.8725, 10.9307, 12.7933

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.1940, 11.2081, 12.6397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8725, 10.9307, 12.7933 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(109, 87, 97)` looks like.

```
.text, #text, p{  
    color:rgb(109, 87, 97)  
}
```

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(109, 87, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 87, 97) }
```

Border

The CSS property to change the border of an element to XYZ 11.8725, 10.9307, 12.7933 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(109, 87, 97) }
```


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

```
.border{ border-color:rgb(109, 87, 97) }
```

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

Here you see how a box with a 4 pixel rgb(109, 87, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 87, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 87, 97);  
box-shadow:4px 4px 4px 4px rgb(109, 87,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8725, 10.9307, 12.7933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 87, 97) }
```

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

```
.background{ background-color: rgb(109, 87,  
97) }
```

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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