

Converting Colors

XYZ(11.4860, 10.7205, 13.2683)

Have a look what the booklet for
XYZ(11.4860, 10.7205, 13.2683)
contains.

XYZ(11.4860, 10.7205, 13.2683)	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(11.4860, 10.7205,
13.2683)**

Conversions

Conversions Part 1

Format	Color
Hex	695763
RGB	105, 87, 99
RGB Percent	41%, 34%, 39%
CMY	0.5882, 0.6588, 0.6118
CMYK	0.00, 0.17, 0.06, 0.59
HSL	320°, 9%, 38%
HSV	320°, 17%, 41%
XYZ	11.4860, 10.7205, 13.2683
YIQ	93.7500, 6.8760, 7.5480

Conversions

Conversions Part 2

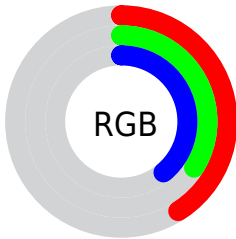
Format	Color
R_{YB}	105, 87, 99
Decimal	6903651
CIE Lab	39.11, 9.67, -4.15
CIE LCh	39, 10.525, 336.806
Yxy	10.7205, 0.3238, 0.3022
Android (android.graphics.Color)	4285093731 (0xFF695763)
YUV	93.7500, 2.5882, 9.8663
Hunter-Lab	32.7422, 5.3192, -1.1069

Details

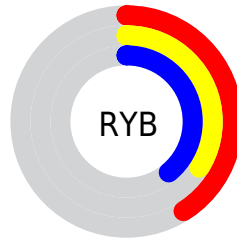
The XYZ color **11.4860, 10.7205, 13.2683** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.9582, 12.9199, 12.2727**, and the grayscale version is **10.5735, 11.1242, 12.1142**.

A 20% lighter version of the original color is **28.1610, 27.1612, 32.6126**, and **3.2155, 2.8125, 3.7416** is the 20% darker color. If you saturate the color by 10%, you get **10.5333, 9.0771, 12.1430**, and if you desaturate by 10%, it is **12.5702, 12.6151, 14.4735**.

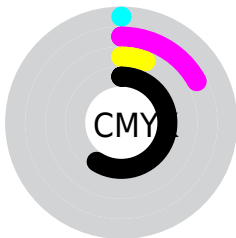
Distribution



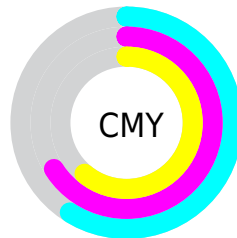
- Red (41%)
- Green (34%)
- Blue (39%)



- Red (41%)
- Yellow (34%)
- Blue (39%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (59%)



- Cyan (59%)
- Magenta (66%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4860, 10.7205, 13.2683 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 11.4860, 10.7205, 13.2683 by changing the saturation by 10% instead.

■ 11.4860, 10.7205,
13.2683

■ 11.4860, 10.7205,
13.2683

194.8123,
195.7398, 223.8980

■ 6.4644, 5.8792,
7.4807

■ 28.1805, 27.1422,
32.4832

■ 3.1728, 2.7718,
3.6815

■ 40.5841, 39.4913,
46.7475

■ 1.2458, 1.0138,
1.4523

■ 56.1791, 55.1119,
64.6745

■ 0.1421, 0.0000,
0.1820

■ 75.3308, 74.3883,
86.6827

■ 0.0000, 0.0000,
0.0000

■ 98.4047, 97.7049,
113.1905

125.7660,

125.4461, 144.6167

157.7801,
157.9963, 181.3797

■ 11.4860, 10.7205,
13.2683

■ 11.4860, 10.7205,
13.2683

■ 10.5333, 9.0771,
12.1430

■ 12.5702, 12.6151,
14.4735

■ 9.7059, 7.6727,
11.0947

■ 13.7902, 14.7696,
15.7600

■ 8.9982, 6.4965,
10.1212

■ 15.1509, 17.1938,
17.1301

■ 8.4039, 5.5361,
9.2200

■ 16.6571, 19.8968,
18.5858

■ 7.9162, 4.7779,
8.3882

■ 18.3130, 22.8871,
20.1289

7.5275, 4.2067,
7.6229

20.1228, 26.1730,
21.7612

7.2291, 3.8053,
6.9206

22.0906, 29.7623,
23.4845

6.9956, 3.5234,
6.2725

24.2201, 33.6626,
25.3005

6.9312, 3.4454,
6.0938

26.5152, 37.8812,
27.2107

Harmonies

Analogous

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



11.0228, 10.7205, 15.0625



11.4860, 10.7205, 13.2683



11.5946, 10.7205, 11.2191

Triad

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



11.4860, 10.7205, 13.2683



10.0298, 10.7205, 8.2290



9.1430, 10.7205, 14.1546

Complementary

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



11.4860, 10.7205, 13.2683



10.9582, 12.9199, 12.2727

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.



8.9028, 10.7205, 12.1386



11.4860, 10.7205, 13.2683



9.3993, 10.7205, 8.8341

Square

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



11.4860, 10.7205, 13.2683



10.7324, 10.7205, 8.4577



8.9945, 10.7205, 10.2106



9.6653, 10.7205, 15.6141

Rectangle

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



11.4860, 10.7205, 13.2683



11.4470, 10.7205, 10.0093



8.9945, 10.7205, 10.2106



9.0277, 10.7205, 13.5111

Sweetspot

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



11.4863, 10.7210, 13.2685



22.9249, 23.3214, 26.3646



10.4726, 10.1640, 14.7746



5.3452, 5.4191, 6.1491



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.



11.4863, 10.7210, 13.2685



19.7774, 17.8289, 22.8419



11.0797, 10.5583, 11.1274



3.1768, 3.1476, 3.6612



8.7587, 4.3556, 7.6241



44.2148, 22.0279, 36.6637

Inverse Universe

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



11.4863, 10.7210, 13.2685



19.7774, 17.8289, 22.8419



11.3806, 13.0889, 14.4971



3.1768, 3.1476, 3.6612



8.7587, 4.3556, 7.6241



44.2148, 22.0279, 36.6637

Previews

White Background



This preview shows how the XYZ color 11.4860, 10.7205, 13.2683 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 11.4860, 10.7205, 13.2683 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 11.4860, 10.7205, 13.2683

Background



This preview shows how black text looks on a background with the XYZ color 11.4860, 10.7205, 13.2683.



This preview shows how white text looks on a background with the XYZ color 11.4860, 10.7205,

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

11.4860, 10.7205, 13.2683

Protanopia

10.5398, 10.8377, 14.1068

Deuteranopia

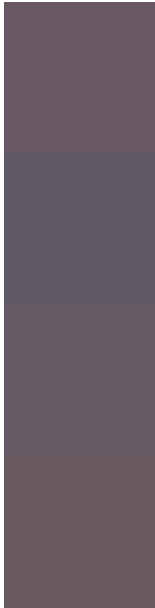
10.9453, 10.8099, 13.3140



Tritanopia

11.2642, 10.7487, 12.3075

Trichromacy



Original Color

11.4860, 10.7205, 13.2683

Protanomaly

10.8290, 10.7387, 13.8139

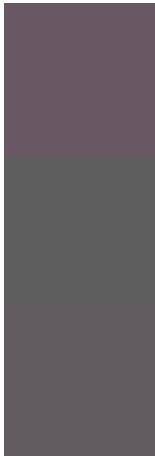
Deuteranomaly

11.1913, 10.8123, 13.3015

Tritanomaly

11.3100, 10.7670, 12.5485

Monochromacy



Original Color

11.4860, 10.7205, 13.2683

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.8894, 10.9234, 12.6008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4860, 10.7205, 13.2683 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(105, 87, 99)` looks like.

```
.text, #text, p{  
    color:rgb(105, 87, 99)  
}
```

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(105, 87, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 87, 99) }
```

Border

The CSS property to change the border of an element to XYZ 11.4860, 10.7205, 13.2683 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(105, 87, 99) }
```


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

```
.border{ border-color:rgb(105, 87, 99) }
```

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

Here you see how a box with a 4 pixel rgb(105, 87, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 87, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 87, 99);  
box-shadow:4px 4px 4px 4px rgb(105, 87,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4860, 10.7205, 13.2683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 87, 99) }
```

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

```
.background{ background-color: rgb(105, 87,  
99) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor