

Converting Colors

XYZ(10.6802, 11.9824, 11.3129)

Have a look what the booklet for
XYZ(10.6802, 11.9824, 11.3129)
contains.

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Color

**XYZ(10.6217, 11.8860,
11.4073)**

Conversions

Conversions Part 1

Format	Color
Hex	5B635A
RGB	91, 99, 90
RGB Percent	36%, 39%, 35%
CMY	0.6431, 0.6118, 0.6471
CMYK	0.08, 0.00, 0.09, 0.61
HSL	113°, 5%, 37%
HSV	113°, 9%, 39%
XYZ	10.6217, 11.8860, 11.4073
YIQ	95.5820, -1.8790, -4.4950

Conversions

Conversions Part 2

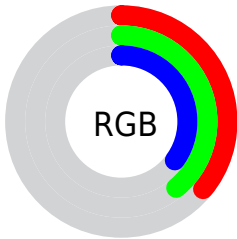
Format	Color
RYB	90, 99, 98
Decimal	5989210
CIELab	41.03, -5.00, 4.05
CIELCh	41, 6.436, 140.993
Yxy	11.8860, 0.3132, 0.3505
Android (android.graphics.Color)	4284179290 (0xFF5B635A)
YUV	95.5820, -2.7519, -4.0184
Hunter-Lab	34.4761, -5.3393, 4.5156

Details

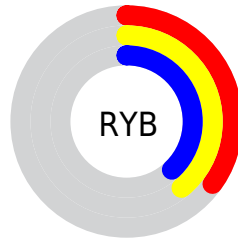
The XYZ color **10.6217, 11.8860, 11.4073** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.9458, 10.8102, 13.3146**, and the grayscale version is **11.0241, 11.5982, 12.6305**.

A 20% lighter version of the original color is **26.6245, 29.3689, 29.0764**, and **2.8099, 3.2859, 2.8690** is the 20% darker color. If you saturate the color by 10%, you get **9.4109, 11.3076, 9.2955**, and if you desaturate by 10%, it is **11.9911, 12.5403, 13.8201**.

Distribution



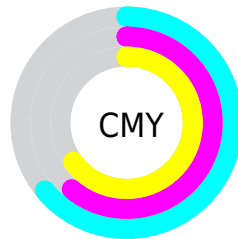
- Red (36%)
- Green (39%)
- Blue (35%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (61%)



- Cyan (64%)
- Magenta (61%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6217, 11.8860, 11.4073 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 10.6217, 11.8860, 11.4073 by changing the saturation by 10% instead.

■ 10.6217, 11.8860,
11.4073

■ 10.6217, 11.8860,
11.4073

189.0159,
203.6491, 211.2777

■ 5.8785, 6.6661,
6.2239

■ 26.5977, 29.2873,
29.0590

■ 2.8113, 3.2542,
2.9107

■ 38.5611, 42.2375,
42.3643

■ 1.0548, 1.2658,
1.0492

■ 53.6620, 58.5333,
59.2141

■ 0.0000, 0.1145,
0.0000

■ 72.2658, 78.5589,
80.0268

■ 0.0000, 0.0000,
0.0000

■ 94.7376, 102.6990,
105.2209

121.4431,

131.3378, 135.2151

152.7473,
164.8597, 170.4279

■ 10.6217, 11.8860,
11.4073

■ 10.6217, 11.8860,
11.4073

■ 9.4109, 11.3076,
9.2955

■ 11.9911, 12.5403,
13.8201

■ 8.3519, 10.8010,
7.4722

■ 13.5235, 13.2716,
16.5441

■ 7.4392, 10.3637,
5.9250

■ 15.2245, 14.0828,
19.5904

■ 6.6661, 9.9928,
4.6405

■ 17.0988, 14.9762,
22.9688

■ 6.0258, 9.6850,
3.6041

■ 19.1513, 15.9541,
26.6890

■ 5.5108, 9.4368,
2.7999

■ 21.3865, 17.0186,
30.7602

■ 5.1126, 9.2442,
2.2098

■ 23.8087, 18.1717,
35.1914

■ 4.8221, 9.1029,
1.8134

■ 26.4223, 19.4155,
39.9910

■ 4.6158, 9.0028,
1.5202

■ 29.2312, 20.7520,
45.1674

Harmonies

Analogous

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



10.9824, 11.8860, 10.7113



10.6217, 11.8860, 11.4073



10.4434, 11.8860, 12.5480

Triad

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



10.6217, 11.8860, 11.4073



11.1589, 11.8860, 15.6175



12.1461, 11.8860, 12.0526

Complementary

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



10.6217, 11.8860, 11.4073



10.9458, 10.8102, 13.3146

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.



12.1965, 11.8860, 13.3438



10.6217, 11.8860, 11.4073



11.6182, 11.8860, 15.4624

Square

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



10.6217, 11.8860, 11.4073



10.7479, 11.8860, 15.0187



12.0009, 11.8860, 14.6082



11.8650, 11.8860, 11.0658

Rectangle

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



10.6217, 11.8860, 11.4073



10.4484, 11.8860, 13.4325



12.0009, 11.8860, 14.6082



12.1909, 11.8860, 12.4633

Sweetspot

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



10.6220, 11.8865, 11.4076



19.5983, 21.0478, 21.9909



11.3546, 12.1174, 11.4135



4.6214, 4.9852, 5.1619



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



10.6220, 11.8865, 11.4076



17.7361, 20.1583, 18.7195



10.6744, 11.8962, 12.1947



2.5675, 2.8684, 2.7625



5.9744, 11.7141, 1.9462



31.5140, 62.3716, 10.3780

Inverse Universe

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



10.9458, 10.8102, 13.3146



18.4174, 17.8931, 22.7330



10.8928, 10.8016, 12.4692



2.6436, 2.6154, 3.2107



8.1623, 3.8687, 15.7042



43.1459, 20.4308, 83.8741

Previews

White Background



This preview shows how the XYZ color 10.6217, 11.8860, 11.4073 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 10.6217, 11.8860, 11.4073 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

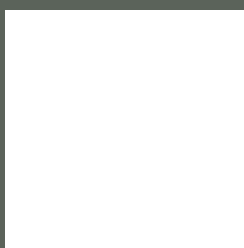
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.6217, 11.8860, 11.4073

Background



This preview shows how black text looks on a background with the XYZ color 10.6217, 11.8860, 11.4073.



This preview shows how white text looks on a background with the XYZ color 10.6217, 11.8860,

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

10.6217, 11.8860, 11.4073

Protanopia

11.2416, 11.7963, 11.1356

Deuteranopia

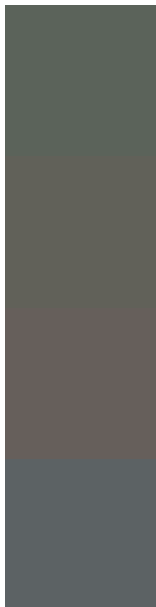
11.9870, 11.7722, 11.5380



Tritanopia

11.3387, 11.8965, 15.0632

Trichromacy



Original Color

10.6217, 11.8860, 11.4073

Protanomaly

11.0076, 11.8120, 11.1510

Deuteranomaly

11.4600, 11.7645, 11.5643

Tritanomaly

11.0816, 11.9308, 13.7754

Monochromacy



Original Color

10.6217, 11.8860, 11.4073

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.9112, 11.7372, 12.2801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6217, 11.8860, 11.4073 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(91, 99, 90) looks like.

```
.text, #text, p{  
    color:rgb(91, 99, 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(91, 99, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 99, 90) }
```

Border

The CSS property to change the border of an element to XYZ 10.6217, 11.8860, 11.4073 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(91, 99, 90) }
```


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

```
.border{ border-color:rgb(91, 99, 90) }
```

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

Here you see how a box with a 4 pixel rgb(91, 99, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 99, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 99, 90);  
box-shadow:4px 4px 4px 4px rgb(91, 99, 90)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.6217, 11.8860, 11.4073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 99, 90) }
```

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

```
.background{ background-color: rgb(91, 99,  
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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