

Converting Colors

XYZ(11.0134, 11.9343, 5.6957)

Have a look what the booklet for
XYZ(11.0134, 11.9343, 5.6957)
contains.

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Color

**XYZ(10.9823, 11.9190,
5.7248)**

Conversions

Conversions Part 1

Format	Color
Hex	6A613A
RGB	106, 97, 58
RGB Percent	42%, 38%, 23%
CMY	0.5843, 0.6196, 0.7725
CMYK	0.00, 0.08, 0.45, 0.58
HSL	49°, 29%, 32%
HSV	49°, 45%, 42%
XYZ	10.9823, 11.9190, 5.7248
YIQ	95.2450, 17.8830, -10.2210

Conversions

Conversions Part 2

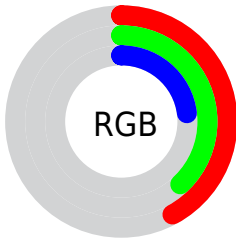
Format	Color
R_{YB}	69, 106, 58
Decimal	6971706
CIE Lab	41.09, -2.53, 23.50
CIE LCh	41, 23.637, 96.153
Yxy	11.9190, 0.3836, 0.4164
Android (android.graphics.Color)	4285161786 (0xFF6A613A)
YUV	95.2450, -18.3618, 9.4321
Hunter-Lab	34.5239, -3.6347, 14.3352

Details

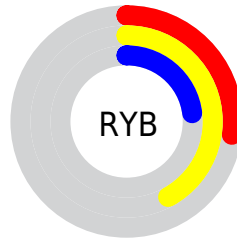
The XYZ color **10.9823, 11.9190, 5.7248** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.3537, 5.9544, 14.4502**, and the grayscale version is **10.9759, 11.5475, 12.5753**.

A 20% lighter version of the original color is **27.1358, 29.1771, 17.8372**, and **2.9504, 3.2692, 0.8910** is the 20% darker color. If you saturate the color by 10%, you get **10.5587, 11.4599, 4.3875**, and if you desaturate by 10%, it is **11.4666, 12.4106, 7.3567**.

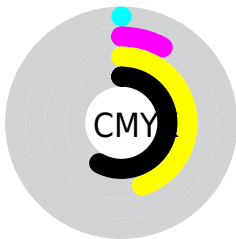
Distribution



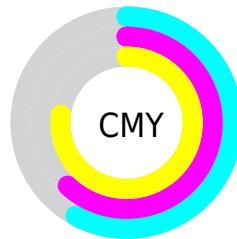
- Red (42%)
- Green (38%)
- Blue (23%)



- Red (27%)
- Yellow (42%)
- Blue (23%)



- Cyan (0%)
- Magenta (8%)
- Yellow (45%)
- Black (58%)



- Cyan (58%)
- Magenta (62%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9823, 11.9190, 5.7248 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 10.9823, 11.9190, 5.7248 by changing the saturation by 10% instead.

■ 10.9823, 11.9190,
5.7248

■ 10.9823, 11.9190,
5.7248

191.4569,
203.8683, 165.8092

■ 6.1221, 6.6885,
2.6124

■ 27.2607, 29.3475,
17.8247

■ 2.9609, 3.2681,
0.8988

■ 39.4096, 42.3143,
27.6492

■ 1.1331, 1.2732,
0.0000

■ 54.7188, 58.6287,
40.5482

■ 0.0525, 0.1203,
0.0000

■ 73.5537, 78.6751,
56.9402

■ 0.0000, 0.0000,
0.0000

■ 96.2796, 102.8379,
77.2438

■ 123.2618,

131.5014, 101.8775

154.8658,
165.0501, 131.2597

■ 10.9823, 11.9190,
5.7248

■ 10.9823, 11.9190,
5.7248

■ 10.5587, 11.4599,
4.3875

■ 11.4666, 12.4106,
7.3567

■ 10.1916, 11.0302,
3.3258

■ 12.0140, 12.9345,
9.2991

■ 9.8772, 10.6289,
2.5201

■ 12.6276, 13.4923,
11.5674

■ 9.6114, 10.2542,
1.9474

■ 13.3102, 14.0852,
14.1760

■ 9.3849, 9.9024,
1.5603

■ 14.0645, 14.7144,
17.1383

■ 9.2820, 9.7405,
1.3909

■ 14.8928, 15.3808,
20.4671

■ 15.7975, 16.0854,
24.1744

■ 16.7807, 16.8292,
28.2719

■ 17.8447, 17.6130,
32.7704

Harmonies

Analogous

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



12.7004, 11.9190, 6.1670



10.9823, 11.9190, 5.7248



9.5098, 11.9190, 6.7977

Triad

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



10.9823, 11.9190, 5.7248



8.8918, 11.9190, 19.3120



14.5846, 11.9190, 17.1366

Complementary

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



10.9823, 11.9190, 5.7248



6.3537, 5.9544, 14.4502

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.



13.3658, 11.9190, 22.0855



10.9823, 11.9190, 5.7248



10.0594, 11.9190, 23.5451

Square

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



10.9823, 11.9190, 5.7248



8.3829, 11.9190, 14.0060



11.6822, 11.9190, 24.6697



14.8943, 11.9190, 12.0011

Rectangle

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



10.9823, 11.9190, 5.7248



8.8278, 11.9190, 8.4357



11.6822, 11.9190, 24.6697



14.2621, 11.9190, 18.9128

Sweetspot

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



10.9826, 11.9196, 5.7250



22.2638, 23.7698, 20.6859



8.4883, 6.5030, 6.2131



5.1725, 5.5301, 4.6847



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.



10.9826, 11.9196, 5.7250



18.5162, 20.0959, 7.6559



10.2917, 12.8685, 5.9446



3.2873, 3.4919, 3.3182



11.4968, 12.0433, 1.7186



57.9891, 60.1818, 8.5599

Inverse Universe

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



6.3537, 5.9544, 14.4502



9.3112, 8.2416, 25.0311



6.8172, 5.4601, 14.3304



2.9901, 3.1086, 3.8773



3.5153, 1.8648, 17.0969



17.4236, 8.5258, 86.9535

Previews

White Background



This preview shows how the XYZ color 10.9823, 11.9190, 5.7248 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 10.9823, 11.9190, 5.7248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

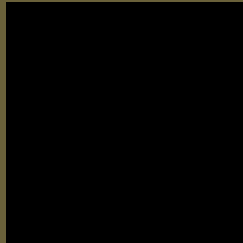
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.9823, 11.9190, 5.7248

Background



This preview shows how black text looks on a background with the XYZ color 10.9823, 11.9190, 5.7248.



This preview shows how white text looks on a background with the XYZ color 10.9823, 11.9190,

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

10.9823, 11.9190, 5.7248

Protanopia

10.9823, 11.9190, 5.7248

Deuteranopia

12.0399, 11.9264, 5.8051



Tritanopia

12.5097, 11.8701, 13.4362

Trichromacy



Original Color

10.9823, 11.9190, 5.7248

Protanomaly

10.9823, 11.9190, 5.7248

Deuteranomaly

11.6022, 11.8319, 5.8100

Tritanomaly

11.9096, 11.8967, 10.0561

Monochromacy



Original Color

10.9823, 11.9190, 5.7248

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.8515, 11.6276, 9.6551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9823, 11.9190, 5.7248 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, 97, 58)` looks like.

```
.text, #text, p{  
    color:rgb(106, 97, 58)  
}
```

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, 97, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 97, 58) }
```

Border

The CSS property to change the border of an element to XYZ 10.9823, 11.9190, 5.7248 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, 97, 58) }
```


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

```
.border{ border-color:rgb(106, 97, 58) }
```

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

Here you see how a box with a 4 pixel rgb(106, 97, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 97, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 97, 58);  
box-shadow:4px 4px 4px 4px rgb(106, 97,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9823, 11.9190, 5.7248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 97, 58) }
```

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

```
.background{ background-color: rgb(106, 97,  
58) }
```

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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