

Converting Colors

XYZ(10.7166, 10.8930, 7.1436)

Have a look what the booklet for
XYZ(10.7166, 10.8930, 7.1436)
contains.

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Color

**XYZ(10.7591, 10.9760,
7.1817)**

Conversions

Conversions Part 1

Format	Color
Hex	6A5B45
RGB	106, 91, 69
RGB Percent	42%, 36%, 27%
CMY	0.5843, 0.6431, 0.7294
CMYK	0.00, 0.14, 0.35, 0.58
HSL	36°, 21%, 34%
HSV	36°, 35%, 42%
XYZ	10.7591, 10.9760, 7.1817
YIQ	92.9770, 16.0020, -3.6620

Conversions

Conversions Part 2

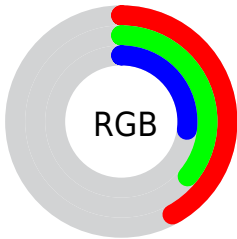
Format	Color
RYB	94, 106, 69
Decimal	6970181
CIELab	39.54, 2.47, 14.95
CIELCh	40, 15.154, 80.605
Yxy	10.9760, 0.3721, 0.3796
Android (android.graphics.Color)	4285160261 (0xFF6A5B45)
YUV	92.9770, -11.8207, 11.4212
Hunter-Lab	33.1300, -0.0091, 10.3386

Details

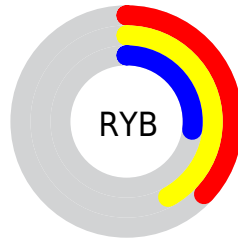
The XYZ color **10.7591, 10.9760, 7.1817** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8.2260, 8.6461, 14.8710**, and the grayscale version is **10.4234, 10.9662, 11.9422**.

A 20% lighter version of the original color is **26.8363, 27.6032, 20.7431**, and **2.8698, 2.8509, 1.3763** is the 20% darker color. If you saturate the color by 10%, you get **10.1023, 10.1427, 5.4819**, and if you desaturate by 10%, it is **11.4963, 11.8759, 9.1986**.

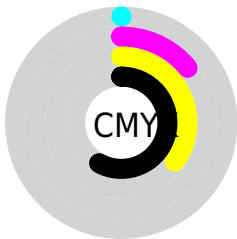
Distribution



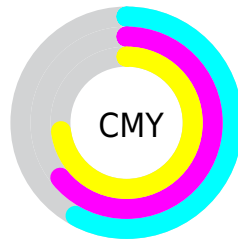
- Red (42%)
- Green (36%)
- Blue (27%)



- Red (37%)
- Yellow (42%)
- Blue (27%)



- Cyan (0%)
- Magenta (14%)
- Yellow (35%)
- Black (58%)



- Cyan (58%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7591, 10.9760, 7.1817 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 10.7591, 10.9760, 7.1817 by changing the saturation by 10% instead.

■ 10.7591, 10.9760,
7.1817

■ 10.7591, 10.9760,
7.1817

189.9499,
197.5028, 178.8529

■ 5.9712, 6.0507,
3.4958

■ 26.8508, 27.6158,
20.8569

■ 2.8681, 2.8759,
1.3530

■ 38.8852, 40.0990,
31.6833

■ 1.0844, 1.0673,
0.1047

■ 54.0659, 55.8704,
45.7269

■ 0.0120, 0.0000,
0.0000

■ 72.7581, 75.3143,
63.4064

■ 0.0000, 0.0000,
0.0000

■ 95.3273, 98.8151,
85.1401

122.1387,

126.7572, 111.3468

153.5578,
159.5250, 142.4449

■ 10.7591, 10.9760,
7.1817

■ 10.7591, 10.9760,
7.1817

■ 10.1023, 10.1427,
5.4819

■ 11.4963, 11.8759,
9.1986

■ 9.5215, 9.3725,
4.0820

■ 12.3164, 12.8428,
11.5475

■ 9.0134, 8.6639,
2.9641

■ 13.2226, 13.8788,
14.2427

■ 8.5736, 8.0146,
2.1079

■ 14.2177, 14.9858,
17.2980

■ 8.1976, 7.4221,
1.4908

■ 15.3046, 16.1651,
20.7261

■ 7.8766, 6.8823,
1.0684

■ 16.4859, 17.4185,
24.5391

■ 7.7233, 6.6230,
0.8713

■ 17.7639, 18.7473,
28.7487

■ 19.1412, 20.1530,
33.3659

■ 20.6200, 21.6371,
38.4015

Harmonies

Analogous

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



11.7409, 10.9760, 8.0806



10.7591, 10.9760, 7.1817



9.7505, 10.9760, 7.3879

Triad

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



10.7591, 10.9760, 7.1817



8.6856, 10.9760, 14.0611



12.0395, 10.9760, 15.9258

Complementary

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



10.7591, 10.9760, 7.1817



8.2260, 8.6461, 14.8710

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.



11.1452, 10.9760, 18.0875



10.7591, 10.9760, 7.1817



9.2248, 10.9760, 16.8939

Square

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



10.7591, 10.9760, 7.1817



8.5973, 10.9760, 11.0486



10.1123, 10.9760, 18.4683



12.5116, 10.9760, 12.9013

Rectangle

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



10.7591, 10.9760, 7.1817



9.1953, 10.9760, 8.1401



10.1123, 10.9760, 18.4683



11.7756, 10.9760, 16.7970

Sweetspot

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



10.7594, 10.9765, 7.1819



22.3327, 23.3659, 22.3786



9.6886, 7.9671, 9.5006



5.1941, 5.4306, 5.1314



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.



10.7594, 10.9765, 7.1819



17.9211, 18.0478, 10.1025



11.8122, 13.6164, 7.6360



3.2353, 3.3878, 3.3009



9.5513, 8.1524, 1.0702



47.7998, 39.8032, 5.1635

Inverse Universe

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



8.2260, 8.6461, 14.8710



12.7437, 13.2879, 25.8242



7.4084, 6.6779, 14.5342



3.0398, 3.2079, 3.8938



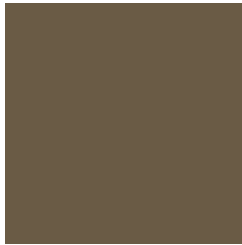
4.2670, 3.3684, 17.3475



20.9342, 15.5469, 88.1237

Previews

White Background



This preview shows how the XYZ color 10.7591, 10.9760, 7.1817 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 10.7591, 10.9760, 7.1817 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 10.7591, 10.9760, 7.1817

Background



This preview shows how black text looks on a background with the XYZ color 10.7591, 10.9760, 7.1817.

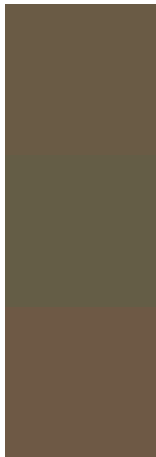


This preview shows how white text looks on a background with the XYZ color 10.7591, 10.9760,

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

10.7591, 10.9760, 7.1817

Protanopia

10.2754, 10.9802, 7.3722

Deuteranopia

11.0770, 10.8894, 7.1483



Tritanopia

11.8168, 11.0388, 12.0976

Trichromacy



Original Color

10.7591, 10.9760, 7.1817

Protanomaly

10.4121, 10.9213, 7.3536

Deuteranomaly

11.0370, 10.9932, 7.1704

Tritanomaly

11.3964, 10.9888, 10.1147

Monochromacy



Original Color

10.7591, 10.9760, 7.1817

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.4644, 10.8911, 9.9382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7591, 10.9760, 7.1817 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, 91, 69)` looks like.

```
.text, #text, p{  
    color:rgb(106, 91, 69)  
}
```

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, 91, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 91, 69) }
```

Border

The CSS property to change the border of an element to XYZ 10.7591, 10.9760, 7.1817 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, 91, 69) }
```


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

```
.border{ border-color:rgb(106, 91, 69) }
```

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

Here you see how a box with a 4 pixel rgb(106, 91, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 91, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 91, 69);  
box-shadow:4px 4px 4px 4px rgb(106, 91,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7591, 10.9760, 7.1817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 91, 69) }
```

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

```
.background{ background-color: rgb(106, 91,  
69) }
```

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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