

Converting Colors

XYZ(10.6487, 11.8159, 1.7196)

Have a look what the booklet for
XYZ(10.6487, 11.8159, 1.7196)
contains.

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Color

**XYZ(10.7051, 11.8644,
1.7258)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6100
RGB	110, 97, 0
RGB Percent	43%, 38%, 0%
CMY	0.5686, 0.6196, 1.0000
CMYK	0.00, 0.12, 1.00, 0.57
HSL	53°, 100%, 22%
HSV	53°, 100%, 43%
XYZ	10.7051, 11.8644, 1.7258
YIQ	89.8290, 38.8850, -27.4110

Conversions

Conversions Part 2

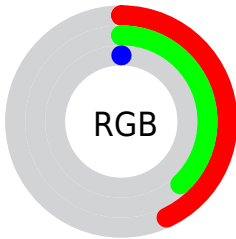
Format	Color
R_{YB}	15, 110, 0
Decimal	7233792
CIE Lab	41.00, -4.22, 48.04
CIE LCh	41, 48.222, 95.025
Yxy	11.8644, 0.4406, 0.4883
Android (android.graphics.Color)	4285423872 (0xFF6E6100)
YUV	89.8290, -44.2857, 17.6900
Hunter-Lab	34.4447, -4.8022, 21.1407

Details

The XYZ color **10.7051, 11.8644, 1.7258** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.9584, 1.4136, 14.8687**, and the grayscale version is **9.7702, 10.2790, 11.1939**.

A 20% lighter version of the original color is **26.7145, 29.1723, 8.2258**, and **2.9287, 3.2672, 0.4763** is the 20% darker color. If you saturate the color by 10%, you get **10.7053, 11.8649, 1.7259**, and if you desaturate by 10%, it is **10.8869, 12.1313, 2.0845**.

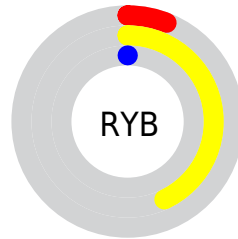
Distribution



Red (43%)

Green (38%)

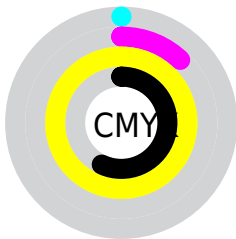
Blue (0%)



Red (6%)

Yellow (43%)

Blue (0%)

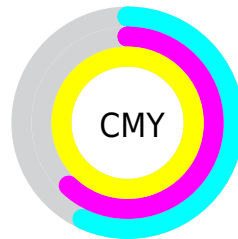


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (57%)



Cyan (57%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7051, 11.8644, 1.7258 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 10.7051, 11.8644, 1.7258 by changing the saturation by 10% instead.

10.7051, 11.8644,
1.7258

10.7051, 11.8644,
1.7258

189.5834,
203.5055, 117.9623

5.9347, 6.6514,
0.3783

26.7514, 29.2479,
8.2766

2.8457, 3.2451,
0.0000

38.7579, 42.1872,
14.4277

1.0727, 1.2610,
0.0000

53.9073, 58.4707,
23.0540

0.0021, 0.1107,
0.0000

72.5648, 78.4829,
34.5741


0.0000, 0.0000,
0.0000


95.0959, 102.6080,
49.4064


121.8657,


131.2306, 67.9695


 153.2398,
164.7349, 90.6819


 10.7051, 11.8644,
1.7258


 10.7051, 11.8644,
1.7258


 10.7053, 11.8649,
1.7259

 10.8869, 12.1313,
2.0845

 11.0943, 12.4112,
2.5701

 11.3491, 12.7132,
3.2948

 11.6563, 13.0393,
4.2857

 12.0203, 13.3914,
5.5661

■ 12.4452, 13.7711,
7.1569

■ 12.9345, 14.1797,
9.0770

■ 13.4915, 14.6187,
11.3438

■ 14.1193, 15.0893,
13.9735

Harmonies

Analogous

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



14.3190, 11.8644, 2.2108



10.7051, 11.8644, 1.7258



7.8790, 11.8644, 2.7650

Triad

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



10.7051, 11.8644, 1.7258



6.6664, 11.8644, 27.1946



18.4302, 11.8644, 22.7258

Complementary

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



10.7051, 11.8644, 1.7258



2.9584, 1.4136, 14.8687

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.



15.5331, 11.8644, 35.5862



10.7051, 11.8644, 1.7258



8.6991, 11.8644, 38.9608

Square

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



10.7051, 11.8644, 1.7258



5.8713, 11.8644, 14.6566



11.8684, 11.8644, 42.6296



19.2687, 11.8644, 11.3232

Rectangle

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



10.7051, 11.8644, 1.7258



6.6641, 11.8644, 4.7963



11.8684, 11.8644, 42.6296



17.6395, 11.8644, 27.1722

Sweetspot

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



10.7054, 11.8650, 1.7260



22.6424, 24.8431, 15.6483



6.5143, 3.3486, 0.7427



5.2043, 5.7279, 3.3848



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.



10.7054, 11.8650, 1.7260



18.7447, 20.7251, 3.0124



8.0778, 12.4415, 1.9758



3.6099, 3.8523, 3.6266



12.8470, 14.2265, 2.0689



63.5852, 70.0456, 10.1688

Inverse Universe

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



2.9584, 1.4136, 14.8687



5.1413, 2.3741, 26.0945



3.7027, 1.5837, 14.8623



3.2465, 3.3582, 4.2313



3.5403, 1.6708, 17.8575



17.2875, 7.6268, 88.8401

Previews

White Background



This preview shows how the XYZ color 10.7051, 11.8644, 1.7258 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



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 10.7051, 11.8644, 1.7258

Background



This preview shows how black text looks on a background with the XYZ color 10.7051, 11.8644, 1.7258.



This preview shows how white text looks on a background with the XYZ color 10.7051, 11.8644,

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

10.7051, 11.8644, 1.7258

Protanopia

10.5923, 11.8050, 1.7777

Deuteranopia

11.9195, 11.8184, 2.0008



Tritanopia

13.0163, 11.8884, 12.9179

Trichromacy



Original Color

10.7051, 11.8644, 1.7258

Protanomaly

10.5868, 11.8028, 1.7489

Deuteranomaly

11.5177, 11.8745, 1.9147

Tritanomaly

11.7233, 11.7539, 6.2083

Monochromacy



Original Color

10.7051, 11.8644, 1.7258

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

9.5826, 10.6655, 5.4245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7051, 11.8644, 1.7258 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(110, 97, 0)` looks like.

```
.text, #text, p{  
    color:rgb(110, 97, 0)  
}
```

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(110, 97, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 97, 0) }
```

Border

The CSS property to change the border of an element to XYZ 10.7051, 11.8644, 1.7258 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(110, 97, 0) }
```


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

```
.border{ border-color:rgb(110, 97, 0) }
```

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

Here you see how a box with a 4 pixel rgb(110, 97, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 97, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 97, 0);  
box-shadow:4px 4px 4px 4px rgb(110, 97, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.7051, 11.8644, 1.7258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 97, 0) }
```

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

```
.background{ background-color: rgb(110, 97,  
0) }
```

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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