

Converting Colors

XYZ(10.1561, 6.1234, 10.1307)

Have a look what the booklet for
XYZ(10.1561, 6.1234, 10.1307)
contains.

XYZ(10.1364, 6.0942, 10.0933)	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(10.1364, 6.0942,
10.0933)**

Conversions

Conversions Part 1

Format	Color
Hex	772759
RGB	119, 39, 89
RGB Percent	47%, 15%, 35%
CMY	0.5333, 0.8470, 0.6510
CMYK	0.00, 0.67, 0.25, 0.53
HSL	323°, 51%, 31%
HSV	323°, 67%, 47%
XYZ	10.1364, 6.0942, 10.0933
YIQ	68.6200, 31.6300, 32.5100

Conversions

Conversions Part 2

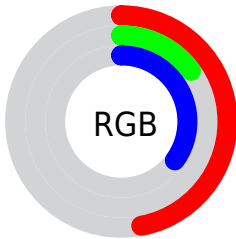
Format	Color
R_{YB}	119, 39, 89
Decimal	7808857
CIE _{Lab}	29.65, 40.35, -11.81
CIE _{LCh}	30, 42.041, 343.685
Yxy	6.0942, 0.3851, 0.2315
Android (android.graphics.Color)	4285998937 (0xFF772759)
YUV	68.6200, 10.0473, 44.1833
Hunter-Lab	24.6864, 30.0919, -6.9608

Details

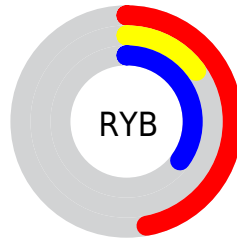
The XYZ color **10.1364, 6.0942, 10.0933** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **8.5080, 14.0548, 7.8952**, and the grayscale version is **5.5755, 5.8659, 6.3879**.

A 20% lighter version of the original color is **25.7719, 18.1751, 26.5759**, and **2.7508, 1.3677, 2.4045** is the 20% darker color. If you saturate the color by 10%, you get **9.6235, 5.3591, 9.0256**, and if you desaturate by 10%, it is **10.7837, 7.0797, 11.2620**.

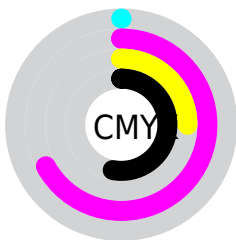
Distribution



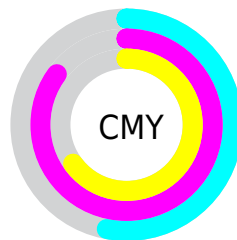
- Red (47%)
- Green (15%)
- Blue (35%)



- Red (47%)
- Yellow (15%)
- Blue (35%)



- Cyan (0%)
- Magenta (67%)
- Yellow (25%)
- Black (53%)



- Cyan (53%)
- Magenta (85%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.1364, 6.0942, 10.0933 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 10.1364, 6.0942, 10.0933 by changing the saturation by 10% instead.


 10.1364, 6.0942,
10.0933


 10.1364, 6.0942,
10.0933


185.6762,
159.9097, 201.8456


 5.5524, 2.9024,
5.3544

 25.6991, 18.1263,
26.5814


 2.6130, 1.0810,
2.3943


 37.4085, 27.7354,
39.1677

 0.9526, 0.0000,
0.7834

 52.2239, 40.2524,
55.2070

 0.0000, 0.0000,
0.0000

 70.5104, 56.0616,
75.1176

 92.6336, 75.5476,
99.3183

 118.9587, 99.0947,

128.2275

149.8511,
127.0873, 162.2638

■ 10.1364, 6.0942,
10.0933

■ 10.1364, 6.0942,
10.0933

■ 9.6235, 5.3591,
9.0256

■ 10.7837, 7.0797,
11.2620

■ 9.2322, 4.8497,
8.0535

■ 11.5755, 8.3357,
12.5358

■ 8.9347, 4.5101,
7.1667

■ 12.5214, 9.8811,
13.9189

■ 8.8564, 4.4214,
6.9314

■ 13.6300, 11.7328,
15.4151

■ 14.9093, 13.9065,
17.0281

■ 16.3667, 16.4169,
18.7610

■ 18.0093, 19.2776,
20.6172

■ 19.8437, 22.5016,
22.5996

■ 21.8760, 26.1011,
24.7112

Harmonies

Analogous

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



8.7539, 6.0942, 17.6779



10.1364, 6.0942, 10.0933



10.2006, 6.0942, 4.4244

Triad

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



10.1364, 6.0942, 10.0933



4.9576, 6.0942, 0.7181



3.5009, 6.0942, 17.0230

Complementary

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



10.1364, 6.0942, 10.0933



8.5080, 14.0548, 7.8952

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.



2.8820, 6.0942, 9.4826



10.1364, 6.0942, 10.0933



3.5877, 6.0942, 1.5339

Square

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



10.1364, 6.0942, 10.0933



6.8992, 6.0942, 0.7530



2.9097, 6.0942, 4.0743



4.8107, 6.0942, 22.9666

Rectangle

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



10.1364, 6.0942, 10.0933



9.4637, 6.0942, 2.3126



2.9097, 6.0942, 4.0743



3.2196, 6.0942, 14.4530

Sweetspot

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



10.1366, 6.0945, 10.0934



25.9114, 23.5590, 29.5205



6.4628, 4.0243, 17.8889



6.0161, 5.3713, 6.8395



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.1366, 6.0945, 10.0934



16.7992, 9.0184, 15.1266



8.9020, 5.6007, 3.5923



3.7712, 3.7357, 4.3217



9.4047, 4.6956, 7.3394



45.4049, 22.7121, 33.5253

Inverse Universe

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



10.1366, 6.0945, 10.0934



16.7992, 9.0184, 15.1266



10.1583, 14.7149, 16.5856



3.7712, 3.7357, 4.3217



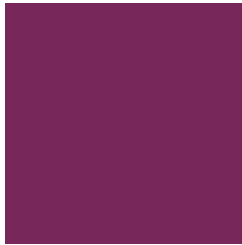
9.4047, 4.6956, 7.3394



45.4049, 22.7121, 33.5253

Previews

White Background



This preview shows how the XYZ color 10.1364, 6.0942, 10.0933 looks on a white background.

Color Contrast Check

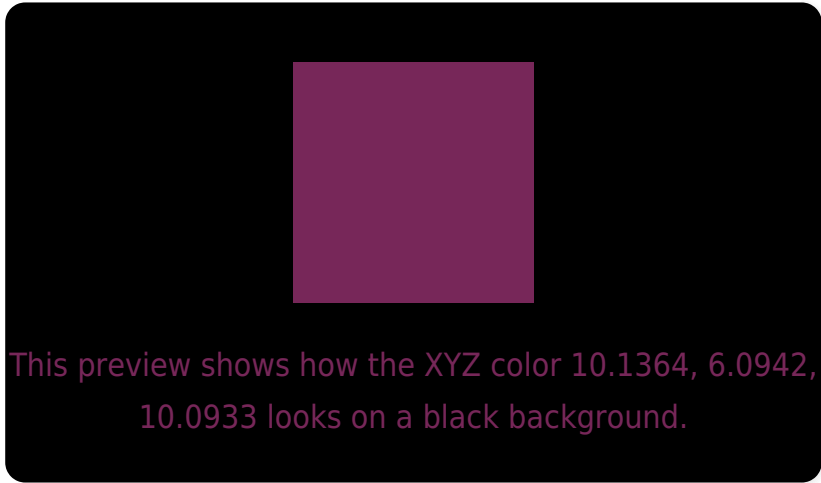
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 10.1364, 6.0942, 10.0933

Background



This preview shows how black text looks on a background with the XYZ color 10.1364, 6.0942, 10.0933.



This preview shows how white text looks on a background with the XYZ color 10.1364, 6.0942,

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

10.1364, 6.0942, 10.0933

Protanopia

6.6903, 6.3624, 16.2047

Deuteranopia

6.3663, 6.2517, 9.4655



Tritanopia

8.9206, 6.1576, 3.9672

Trichromacy



Original Color

10.1364, 6.0942, 10.0933

Protanomaly

7.2045, 5.7471, 13.8263

Deuteranomaly

7.2173, 5.7727, 9.5380

Tritanomaly

9.2286, 6.0403, 5.6805

Monochromacy



Original Color

10.1364, 6.0942, 10.0933

Achromatopsia

5.6565, 5.9511, 6.4808

Achromatomaly

6.7480, 5.5742, 7.5577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1364, 6.0942, 10.0933 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(119, 39, 89)` looks like.

```
.text, #text, p{  
    color:rgb(119, 39, 89)  
}
```

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(119, 39, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 39, 89) }
```

Border

The CSS property to change the border of an element to XYZ 10.1364, 6.0942, 10.0933 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(119, 39, 89) }
```


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

```
.border{ border-color:rgb(119, 39, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 39, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 39, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 39, 89);  
box-shadow:4px 4px 4px 4px rgb(119, 39,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1364, 6.0942, 10.0933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 39, 89) }
```

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

```
.background{ background-color: rgb(119, 39,  
89) }
```

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