

Converting Colors

XYZ(11.2447, 7.4784, 10.3020)

Have a look what the booklet for
XYZ(11.2447, 7.4784, 10.3020)
contains.

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Color

**XYZ(11.2447, 7.4784,
10.3020)**

Conversions

Conversions Part 1

Format	Color
Hex	7B3559
RGB	123, 53, 89
RGB Percent	48%, 21%, 35%
CMY	0.5176, 0.7921, 0.6510
CMYK	0.00, 0.57, 0.28, 0.52
HSL	329°, 40%, 35%
HSV	329°, 57%, 48%
XYZ	11.2447, 7.4784, 10.3020
YIQ	78.0340, 30.1640, 26.0360

Conversions

Conversions Part 2

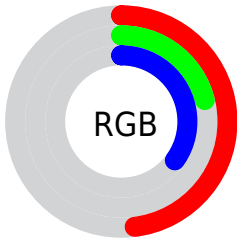
Format	Color
R_{YB}	123, 53, 89
Decimal	8074585
CIE _{Lab}	32.87, 34.80, -6.87
CIE _{LCh}	33, 35.472, 348.829
Yxy	7.4784, 0.3874, 0.2577
Android (android.graphics.Color)	4286264665 (0xFF7B3559)
YUV	78.0340, 5.4062, 39.4352
Hunter-Lab	27.3467, 25.5409, -3.1930

Details

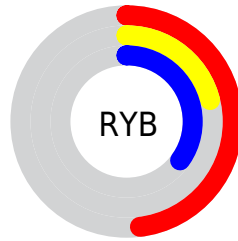
The XYZ color **11.2447, 7.4784, 10.3020** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **10.2719, 15.6113, 11.4895**, and the grayscale version is **7.2343, 7.6110, 8.2884**.

A 20% lighter version of the original color is **27.8705, 21.0296, 27.0163**, and **3.0640, 1.5432, 2.5192** is the 20% darker color. If you saturate the color by 10%, you get **10.5135, 6.4014, 8.8703**, and if you desaturate by 10%, it is **12.1407, 8.8523, 11.8893**.

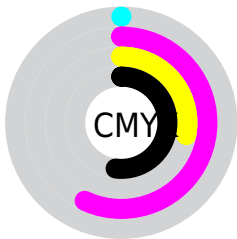
Distribution



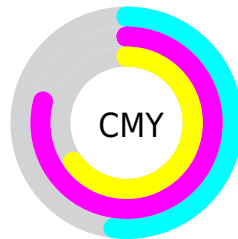
- Red (48%)
- Green (21%)
- Blue (35%)



- Red (48%)
- Yellow (21%)
- Blue (35%)



- Cyan (0%)
- Magenta (57%)
- Yellow (28%)
- Black (52%)



- Cyan (52%)
- Magenta (79%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.2447, 7.4784, 10.3020 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 11.2447, 7.4784, 10.3020 by changing the saturation by 10% instead.


 11.2447, 7.4784,
10.3020


 11.2447, 7.4784,
10.3020


193.2125,
171.5817, 203.3766


 6.3002, 3.7630,
5.4914


 27.7407, 20.9294,
26.9786


 3.0708, 1.5419,
2.4747

 40.0230, 31.4337,
39.6818


 1.1913, 0.3180,
0.8267

 55.4818, 44.9699,
55.8529

 0.0995, 0.0000,
0.0000

 74.4826, 61.9223,
75.9105

 0.0000, 0.0000,
0.0000

 97.3907, 82.6753,
100.2732

 124.5715,

107.6132, 129.3594

156.3903,
137.1206, 163.5877

■ 11.2447, 7.4784,
10.3020

■ 11.2447, 7.4784,
10.3020

■ 10.5135, 6.4014,
8.8703

■ 12.1407, 8.8523,
11.8893

■ 9.9347, 5.5973,
7.5874

■ 13.2113, 10.5422,
13.6375

■ 9.4951, 5.0406,
6.4466

■ 14.4664, 12.5670,
15.5522

■ 9.1669, 4.6764,
5.4360

■ 15.9148, 14.9438,
17.6385

■ 9.0728, 4.5727,
5.1445

■ 17.5649, 17.6884,
19.9013

■ 19.4245, 20.8158,
22.3452

■ 21.5008, 24.3402,
24.9746

■ 23.8010, 28.2747,
27.7938

■ 26.3316, 32.6323,
30.8069

Harmonies

Analogous

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



10.1680, 7.4784, 16.9620



11.2447, 7.4784, 10.3020



11.0770, 7.4784, 5.2543

Triad

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



11.2447, 7.4784, 10.3020



6.0110, 7.4784, 1.7725



4.9965, 7.4784, 18.5958

Complementary

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



11.2447, 7.4784, 10.3020



10.2719, 15.6113, 11.4895

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.



4.2223, 7.4784, 11.9330



11.2447, 7.4784, 10.3020



4.7332, 7.4784, 3.0757

Square

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



11.2447, 7.4784, 10.3020



7.8266, 7.4784, 1.6470



4.1352, 7.4784, 6.3084



6.4348, 7.4784, 22.9717

Rectangle

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



11.2447, 7.4784, 10.3020



10.2883, 7.4784, 3.2471



4.1352, 7.4784, 6.3084



4.6616, 7.4784, 16.4421

Sweetspot

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



11.2449, 7.4788, 10.3021



28.3583, 26.5276, 31.3878



8.7636, 5.9949, 19.4344



6.5764, 6.0788, 7.2476



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



11.2449, 7.4788, 10.3021



18.5141, 11.0182, 15.2233



10.1116, 7.0254, 4.3341



4.0763, 4.0462, 4.5995



9.3829, 4.7293, 5.3073



44.3256, 22.3866, 23.0427

Inverse Universe

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



11.2449, 7.4788, 10.3021



18.5141, 11.0182, 15.2233



12.0540, 16.3241, 20.8741



4.0763, 4.0462, 4.5995



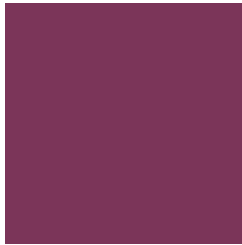
9.3829, 4.7293, 5.3073



44.3256, 22.3866, 23.0427

Previews

White Background



This preview shows how the XYZ color 11.2447, 7.4784, 10.3020 looks on a white background.

Color Contrast Check

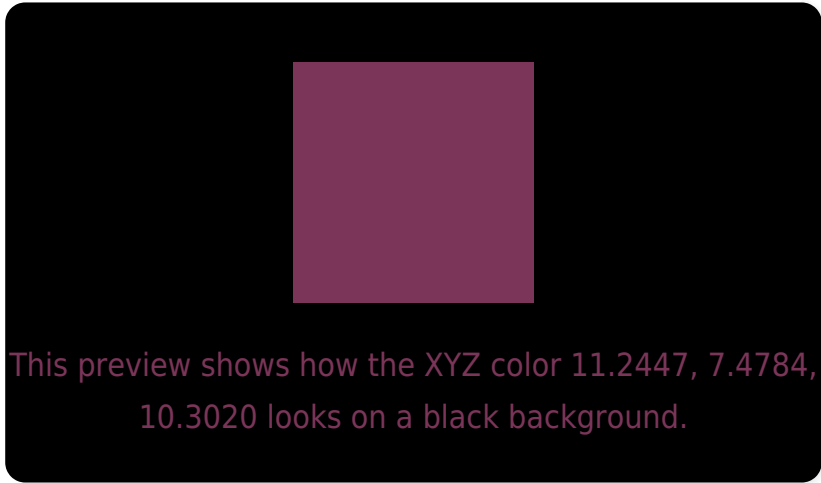
Large Text (above 18pt) WCAG AA ✓ Pass

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

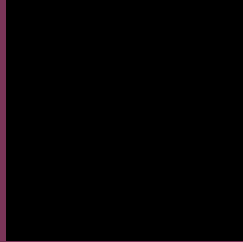
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.2447, 7.4784, 10.3020

Background



This preview shows how black text looks on a background with the XYZ color 11.2447, 7.4784, 10.3020.



This preview shows how white text looks on a background with the XYZ color 11.2447, 7.4784,

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

11.2447, 7.4784, 10.3020

Protanopia

7.7812, 7.6505, 14.7022

Deuteranopia

7.7038, 7.6186, 9.6588



Tritanopia

10.3463, 7.5518, 5.6149

Trichromacy



Original Color

11.2447, 7.4784, 10.3020

Protanomaly

8.4872, 7.1782, 12.9948

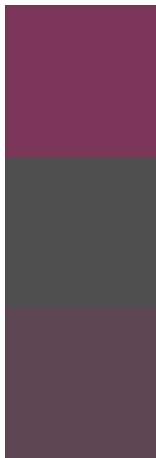
Deuteranomaly

8.6766, 7.3475, 9.7650

Tritanomaly

10.6589, 7.5317, 7.0229

Monochromacy



Original Color

11.2447, 7.4784, 10.3020

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

8.2672, 7.2451, 8.9454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2447, 7.4784, 10.3020 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(123, 53, 89)` looks like.

```
.text, #text, p{  
    color:rgb(123, 53, 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(123, 53, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 53, 89) }
```

Border

The CSS property to change the border of an element to XYZ 11.2447, 7.4784, 10.3020 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(123, 53, 89) }
```


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

```
.border{ border-color:rgb(123, 53, 89) }
```

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

Here you see how a box with a 4 pixel rgb(123, 53, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 53, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 53, 89);  
box-shadow:4px 4px 4px 4px rgb(123, 53,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2447, 7.4784, 10.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 53, 89) }
```

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

```
.background{ background-color: rgb(123, 53,  
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](#).

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