

Converting Colors

XYZ(11.2587, 7.5080, 7.0971)

Have a look what the booklet for
XYZ(11.2587, 7.5080, 7.0971)
contains.

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Color

**XYZ(11.3327, 7.5262,
7.1587)**

Conversions

Conversions Part 1

Format	Color
Hex	803449
RGB	128, 52, 73
RGB Percent	50%, 20%, 29%
CMY	0.4980, 0.7961, 0.7137
CMYK	0.00, 0.59, 0.43, 0.50
HSL	343°, 42%, 35%
HSV	343°, 59%, 50%
XYZ	11.3327, 7.5262, 7.1587
YIQ	77.1180, 38.5550, 22.6430

Conversions

Conversions Part 2

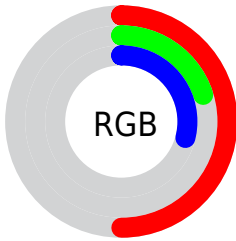
Format	Color
R_{YB}	128, 52, 73
Decimal	8401993
CIE Lab	32.98, 34.99, 3.72
CIE LCh	33, 35.188, 6.069
Yxy	7.5262, 0.4356, 0.2893
Android (android.graphics.Color)	4286592073 (0xFF803449)
YUV	77.1180, -2.0302, 44.6235
Hunter-Lab	27.4339, 25.7273, 3.7324

Details

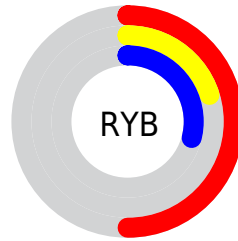
The XYZ color **11.3327, 7.5262, 7.1587** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **11.7896, 17.2302, 16.6154**, and the grayscale version is **7.0749, 7.4434, 8.1058**.

A 20% lighter version of the original color is **27.9697, 21.0736, 20.6826**, and **3.1360, 1.5896, 1.3698** is the 20% darker color. If you saturate the color by 10%, you get **10.5523, 6.4209, 5.4945**, and if you desaturate by 10%, it is **12.3142, 8.9606, 9.1159**.

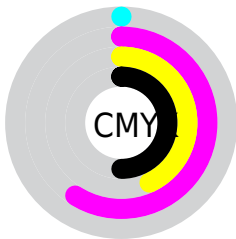
Distribution



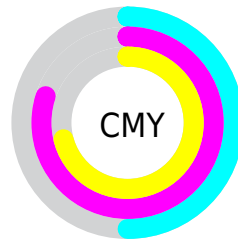
- Red (50%)
- Green (20%)
- Blue (29%)



- Red (50%)
- Yellow (20%)
- Blue (29%)



- Cyan (0%)
- Magenta (59%)
- Yellow (43%)
- Black (50%)





- Cyan (50%)
- Magenta (80%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.3327, 7.5262, 7.1587 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 11.3327, 7.5262, 7.1587 by changing the saturation by 10% instead.


 11.3327, 7.5262,
7.1587


 11.3327, 7.5262,
7.1587


193.7976,
171.9671, 178.6566


 6.3600, 3.7933,
3.4816


 27.9013, 21.0242,
20.8101


 3.1079, 1.5586,
1.3455

 40.2279, 31.5581,
31.6214


 1.2111, 0.3295,
0.0986

 55.7366, 45.1278,
45.6479

 0.1151, 0.0000,
0.0000

 74.7926, 62.1177,
63.3081

 0.0000, 0.0000,
0.0000

 97.7613, 82.9122,
85.0205

 125.0082,

107.8957, 111.2037

156.8985,
137.4525, 142.2762

■ 11.3327, 7.5262,
7.1587

■ 11.3327, 7.5262,
7.1587

■ 10.5523, 6.4209,
5.4945

■ 12.3142, 8.9606,
9.1159

■ 9.9576, 5.6168,
4.1079

■ 13.5096, 10.7464,
11.3795

■ 9.5316, 5.0838,
2.9827

■ 14.9312, 12.9054,
13.9624

■ 9.2285, 4.7337,
2.0920

■ 16.5902, 15.4573,
16.8767

■ 9.2109, 4.7127,
2.0428

■ 18.4969, 18.4205,
20.1338

■ 20.6613, 21.8121,
23.7447

■ 23.0926, 25.6481,
27.7197

■ 25.7996, 29.9441,
32.0688

■ 28.7907, 34.7145,
36.8015

Harmonies

Analogous

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



10.9465, 7.5262, 13.0925



11.3327, 7.5262, 7.1587



10.4520, 7.5262, 3.5220

Triad

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



11.3327, 7.5262, 7.1587



5.2473, 7.5262, 2.3900



5.7983, 7.5262, 21.5782

Complementary

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



11.3327, 7.5262, 7.1587



11.7896, 17.2302, 16.6154

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.



4.6341, 7.5262, 15.8272



11.3327, 7.5262, 7.1587



4.3567, 7.5262, 4.7020

Square

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



11.3327, 7.5262, 7.1587



6.7819, 7.5262, 1.6458



4.1534, 7.5262, 9.3262



7.5383, 7.5262, 23.1865

Rectangle

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



11.3327, 7.5262, 7.1587



9.3417, 7.5262, 2.2949



4.1534, 7.5262, 9.3262



5.3367, 7.5262, 19.9725

Sweetspot

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



11.3329, 7.5266, 7.1588



29.5118, 27.6828, 30.2367



11.1241, 7.1078, 21.2078



6.7260, 6.1976, 6.7613



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.3329, 7.5266, 7.1588



18.2028, 10.7872, 8.8252



11.6177, 9.0285, 4.3796



4.3728, 4.3623, 4.7678



9.1338, 4.6732, 2.0283



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.3329, 7.5266, 7.1588



18.2028, 10.7872, 8.8252



11.0556, 13.7745, 22.4982



4.3728, 4.3623, 4.7678



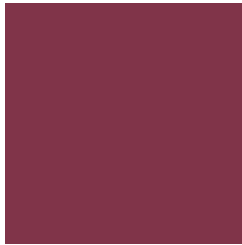
9.1338, 4.6732, 2.0283



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.3327, 7.5262, 7.1587 looks on a white background.

Color Contrast Check

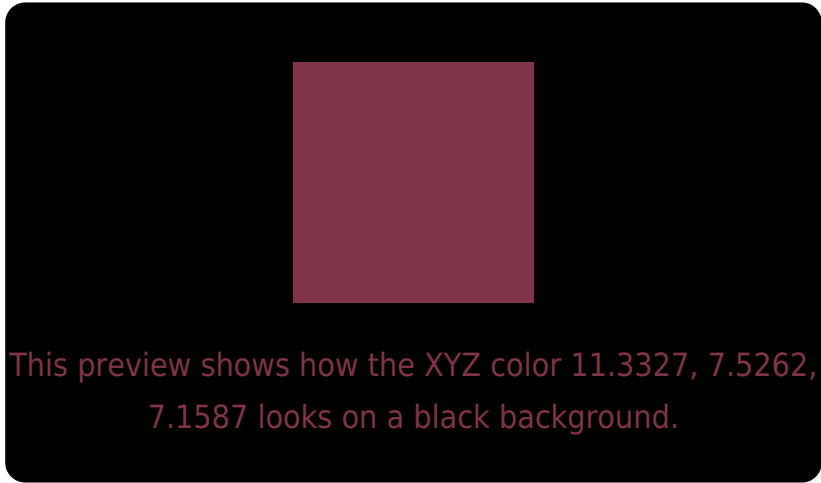
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3327, 7.5262, 7.1587

Background



This preview shows how black text looks on a background with the XYZ color 11.3327, 7.5262, 7.1587.



This preview shows how white text looks on a background with the XYZ color 11.3327, 7.5262,

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

11.3327, 7.5262, 7.1587

Protanopia

7.5464, 7.7311, 10.3270

Deuteranopia

7.7784, 7.7224, 6.7108



Tritanopia

10.8823, 7.5499, 4.8867

Trichromacy



Original Color

11.3327, 7.5262, 7.1587

Protanomaly

8.5133, 7.3676, 9.1570

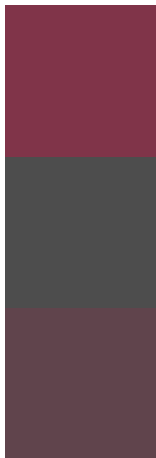
Deuteranomaly

8.7062, 7.3401, 6.7523

Tritanomaly

10.9688, 7.5092, 5.5739

Monochromacy



Original Color

11.3327, 7.5262, 7.1587

Achromatopsia

7.0540, 7.4214, 8.0819

Achromatomaly

8.1955, 7.1428, 7.7842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3327, 7.5262, 7.1587 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(128, 52, 73)` looks like.

```
.text, #text, p{  
    color:rgb(128, 52, 73)  
}
```

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(128, 52, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 52, 73) }
```

Border

The CSS property to change the border of an element to XYZ 11.3327, 7.5262, 7.1587 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(128, 52, 73) }
```


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

```
.border{ border-color:rgb(128, 52, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 52, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 52, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 52, 73);  
box-shadow:4px 4px 4px 4px rgb(128, 52,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3327, 7.5262, 7.1587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 52, 73) }
```

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

```
.background{ background-color: rgb(128, 52,  
73) }
```

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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