

Converting Colors

XYZ(11.0336, 7.2547, 2.4467)

Have a look what the booklet for
XYZ(11.0336, 7.2547, 2.4467)
contains.

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Color

**XYZ(11.0746, 7.3045,
2.4163)**

Conversions

Conversions Part 1

Format	Color
Hex	853123
RGB	133, 49, 35
RGB Percent	52%, 19%, 14%
CMY	0.4784, 0.8078, 0.8627
CMYK	0.00, 0.63, 0.74, 0.48
HSL	9°, 58%, 33%
HSV	9°, 74%, 52%
XYZ	11.0746, 7.3045, 2.4163
YIQ	72.5200, 54.5580, 13.4540

Conversions

Conversions Part 2

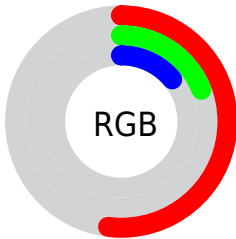
Format	Color
RYB	133, 51, 35
Decimal	8728867
CIELab	32.49, 35.20, 27.40
CIElCh	32, 44.609, 37.897
Yxy	7.3045, 0.5326, 0.3513
Android (android.graphics.Color)	4286918947 (0xFF853123)
YUV	72.5200, -18.4974, 53.0410
Hunter-Lab	27.0268, 25.8457, 13.6180

Details

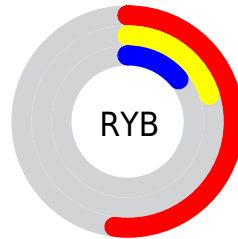
The XYZ color **11.0746, 7.3045, 2.4163** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **11.5231, 15.2435, 24.5253**, and the grayscale version is **6.2741, 6.6008, 7.1883**.

A 20% lighter version of the original color is **27.3957, 20.5792, 10.1177**, and **3.0606, 1.5778, 0.1432** is the 20% darker color. If you saturate the color by 10%, you get **10.4954, 6.4044, 1.4270**, and if you desaturate by 10%, it is **11.8497, 8.4767, 3.8405**.

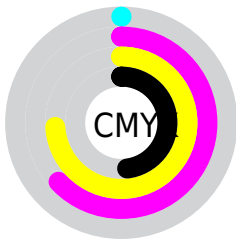
Distribution



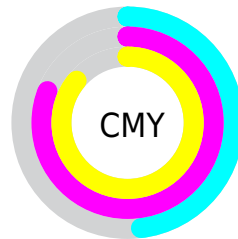
- Red (52%)
- Green (19%)
- Blue (14%)



- Red (52%)
- Yellow (20%)
- Blue (14%)



- Cyan (0%)
- Magenta (63%)
- Yellow (74%)
- Black (48%)



- Cyan (48%)
- Magenta (81%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0746, 7.3045, 2.4163 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 11.0746, 7.3045, 2.4163 by changing the saturation by 10% instead.

■ 11.0746, 7.3045,
2.4163

■ 11.0746, 7.3045,
2.4163

192.0764,
170.1704, 128.5388

■ 6.1847, 3.6533,
0.7953

■ 27.4298, 20.5832,
10.1505

■ 2.9994, 1.4816,
0.0000

■ 39.6257, 30.9795,
17.1105

■ 1.1535, 0.2757,
0.0000

■ 54.9878, 44.3928,
26.6905

■ 0.0691, 0.0000,
0.0000

■ 73.8812, 61.2077,
39.3090

■ 0.0000, 0.0000,
0.0000

■ 96.6715, 81.8085,
55.3845

■ 123.7238,

106.5797, 75.3356

155.4037,
135.9055, 99.5808

11.0746, 7.3045,
2.4163

11.0746, 7.3045,
2.4163

10.4954, 6.4044,
1.4270

11.8497, 8.4767,
3.8405

10.0929, 5.7529,
0.8197

12.8361, 9.9393,
5.7421

9.9059, 5.4525,
0.5303

14.0483, 11.7108,
8.1587

15.4991, 13.8074,
11.1243

17.2007, 16.2444,
14.6698

■ 19.1641, 19.0360,
18.8238

■ 21.3998, 22.1957,
23.6131

■ 23.9178, 25.7363,
29.0628

■ 26.7275, 29.6697,
35.1968

Harmonies

Analogous

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



12.3424, 7.3045, 6.3293



11.0746, 7.3045, 2.4163



8.7533, 7.3045, 1.0282

Triad

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



11.0746, 7.3045, 2.4163



3.5848, 7.3045, 4.0604



7.5715, 7.3045, 28.4028

Complementary

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



11.0746, 7.3045, 2.4163



11.5231, 15.2435, 24.5253

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.



5.4008, 7.3045, 26.5411



11.0746, 7.3045, 2.4163



3.4048, 7.3045, 9.8339

Square

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



11.0746, 7.3045, 2.4163



4.5545, 7.3045, 1.5433



3.9924, 7.3045, 18.6164



10.0469, 7.3045, 22.8235

Rectangle

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



11.0746, 7.3045, 2.4163



7.1071, 7.3045, 0.7997



3.9924, 7.3045, 18.6164



6.7808, 7.3045, 28.6657

Sweetspot

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



11.0748, 7.3049, 2.4164



31.1943, 29.6487, 27.0935



13.6601, 7.5431, 18.4841



6.8622, 6.4433, 5.7561



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.0748, 7.3049, 2.4164



18.3056, 10.6831, 1.7974



14.2571, 13.6697, 3.4772



4.7223, 4.7883, 4.9047



9.4395, 5.2016, 0.5065



0.0359, 0.0244, 0.0028

Inverse Universe

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



11.5231, 15.2435, 24.5253



19.0493, 25.5151, 43.6593



7.1758, 6.5488, 23.0762



4.7464, 5.1685, 5.9482



9.7680, 13.0838, 23.1473



0.0377, 0.0530, 0.0815

Previews

White Background



This preview shows how the XYZ color 11.0746, 7.3045, 2.4163 looks on a white background.

Color Contrast Check

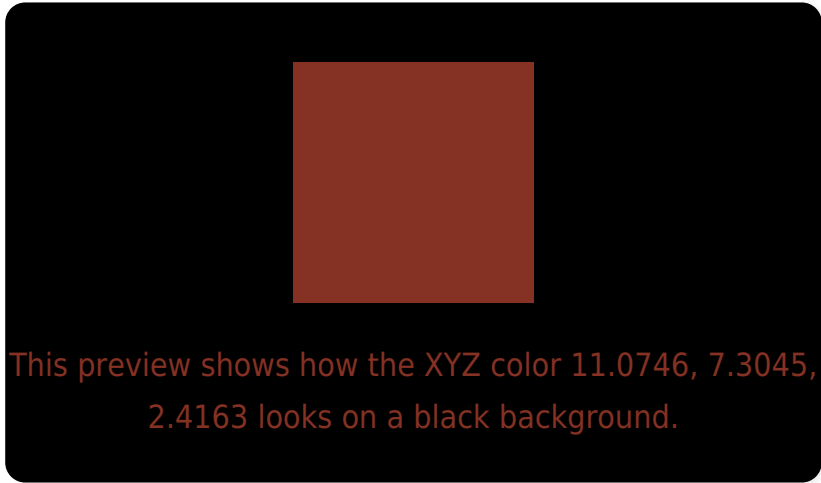
Large Text (above 18pt) WCAG AA ✓ Pass

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

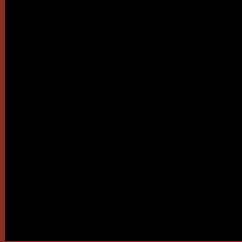
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.0746, 7.3045, 2.4163

Background



This preview shows how black text looks on a background with the XYZ color 11.0746, 7.3045, 2.4163.

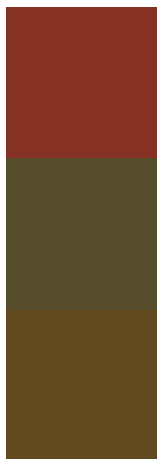


This preview shows how white text looks on a background with the XYZ color 11.0746, 7.3045,

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

11.0746, 7.3045, 2.4163

Protanopia

6.8548, 7.4209, 3.4540

Deuteranopia

7.5070, 7.4781, 2.2761



Tritanopia

11.4238, 7.3317, 3.8307

Trichromacy



Original Color

11.0746, 7.3045, 2.4163

Protanomaly

7.8869, 6.9992, 3.0331

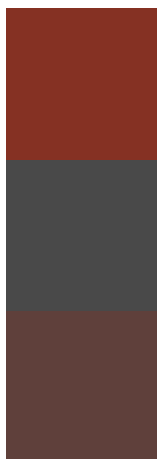
Deuteranomaly

8.4577, 7.1361, 2.2981

Tritanomaly

11.3621, 7.3717, 3.3067

Monochromacy



Original Color

11.0746, 7.3045, 2.4163

Achromatopsia

6.3328, 6.6626, 7.2556

Achromatomaly

7.3421, 6.4155, 4.9890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0746, 7.3045, 2.4163 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(133, 49, 35)` looks like.

```
.text, #text, p{  
    color:rgb(133, 49, 35)  
}
```

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(133, 49, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 49, 35) }
```

Border

The CSS property to change the border of an element to XYZ 11.0746, 7.3045, 2.4163 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(133, 49, 35) }
```


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

```
.border{ border-color:rgb(133, 49, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 49, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 49, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 49, 35);  
box-shadow:4px 4px 4px 4px rgb(133, 49,  
35) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0746, 7.3045, 2.4163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 49, 35) }
```

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

```
.background{ background-color: rgb(133, 49,  
35) }
```

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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