

Converting Colors

XYZ(11.8587, 7.8676, 1.0372)

Have a look what the booklet for
XYZ(11.8587, 7.8676, 1.0372)
contains.

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Color

**XYZ(11.8587, 7.8676,
1.0372)**

Conversions

Conversions Part 1

Format	Color
Hex	8B3305
RGB	139, 51, 5
RGB Percent	55%, 20%, 2%
CMY	0.4549, 0.8000, 0.9804
CMYK	0.00, 0.63, 0.96, 0.45
HSL	21°, 93%, 28%
HSV	21°, 96%, 55%
XYZ	11.8587, 7.8676, 1.0372
YIQ	72.0680, 67.2140, 4.3500

Conversions

Conversions Part 2

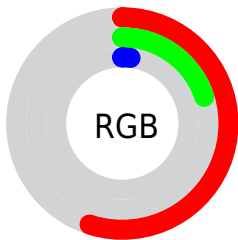
Format	Color
RYB	139, 75, 5
Decimal	9122565
CIELab	33.71, 35.60, 43.30
CIELCh	34, 56.055, 50.579
Yxy	7.8676, 0.5711, 0.3789
Android (android.graphics.Color)	4287312645 (0xFF8B3305)
YUV	72.0680, -33.0645, 58.6994
Hunter-Lab	28.0492, 26.3803, 17.4421

Details

The XYZ color **11.8587, 7.8676, 1.0372** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **8.6369, 9.7245, 25.8477**, and the grayscale version is **6.2188, 6.5426, 7.1249**.

A 20% lighter version of the original color is **28.8727, 21.7158, 6.1598**, and **3.3933, 1.7493, 0.1588** is the 20% darker color. If you saturate the color by 10%, you get **11.6929, 7.5800, 0.8468**, and if you desaturate by 10%, it is **12.3870, 8.7814, 1.6539**.

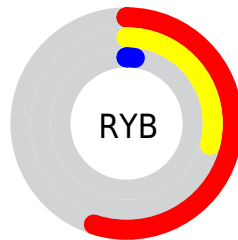
Distribution



Red (55%)

Green (20%)

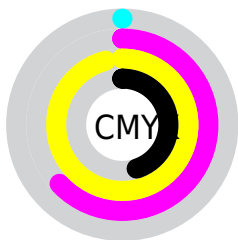
Blue (2%)



Red (55%)

Yellow (29%)

Blue (2%)

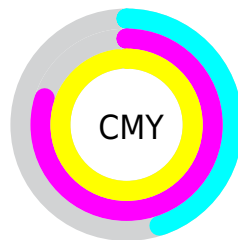


Cyan (0%)

Magenta (63%)

Yellow (96%)

Black (45%)



Cyan (45%)


Magenta (80%)

Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 11.8587, 7.8676, 1.0372 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 11.8587, 7.8676, 1.0372 by changing the saturation by 10% instead.


 11.8587, 7.8676,
1.0372

 11.8587, 7.8676,
1.0372


 197.2567,
174.6898, 104.9606


 6.7190, 4.0103,
0.0000


 28.8566, 21.6985,
6.1844


 3.3318, 1.6794,
0.0000

 41.4455, 32.4409,
11.3482


 1.3315, 0.4102,
0.0000

 57.2483, 46.2471,
18.7967

 0.2066, 0.0000,
0.0000

 76.6302, 63.5016,
28.9486


 0.0000, 0.0000,
0.0000


 99.9567, 84.5887,
42.2224


 127.5930,


109.8929, 59.0367

 159.9045,
139.7984, 79.8099


 11.8587, 7.8676,
1.0372


 11.8587, 7.8676,
1.0372


 11.6929, 7.5800,
0.8468

 12.3870, 8.7814,
1.6539

 13.0634, 9.8861,
2.6441

 13.9066, 11.1961,
4.0861

 14.9293, 12.7221,
6.0278

 16.1424, 14.4742,
8.5107

■ 17.5563, 16.4616,
11.5723

■ 19.1802, 18.6932,
15.2465

■ 21.0229, 21.1772,
19.5645

■ 23.0926, 23.9215,
24.5555

Harmonies

Analogous

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



14.4287, 7.8676, 3.9122



11.8587, 7.8676, 1.0372



8.4804, 7.8676, 0.1967

Triad

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



11.8587, 7.8676, 1.0372



3.0535, 7.8676, 6.0990



9.7366, 7.8676, 35.9075

Complementary

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



11.8587, 7.8676, 1.0372



8.6369, 9.7245, 25.8477

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.



6.5577, 7.8676, 38.1518



11.8587, 7.8676, 1.0372



3.2190, 7.8676, 15.9376

Square

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



11.8587, 7.8676, 1.0372



3.7984, 7.8676, 1.7119



4.3356, 7.8676, 29.2187



12.9903, 7.8676, 24.2886

Rectangle

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



11.8587, 7.8676, 1.0372



6.4513, 7.8676, 0.2105



4.3356, 7.8676, 29.2187



8.6081, 7.8676, 37.9923

Sweetspot

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



11.8589, 7.8681, 1.0373



33.3672, 32.1370, 25.0552



12.7371, 6.4117, 11.2347



7.4348, 7.0563, 5.1995



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



11.8589, 7.8681, 1.0373



20.7989, 13.2921, 1.4694



16.9973, 18.1450, 2.7501



5.1641, 5.3111, 5.3054



10.5683, 6.8710, 0.7692



0.0828, 0.0709, 0.0093

Inverse Universe

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



8.6369, 9.7245, 25.8477



14.9297, 16.5065, 46.1422



5.1225, 2.6957, 24.6762



5.0307, 5.4043, 6.3838



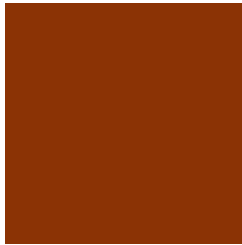
7.6205, 8.5112, 23.2869



0.0643, 0.0839, 0.1593

Previews

White Background



This preview shows how the XYZ color 11.8587, 7.8676, 1.0372 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 11.8587, 7.8676, 1.0372

Background



This preview shows how black text looks on a background with the XYZ color 11.8587, 7.8676, 1.0372.



This preview shows how white text looks on a background with the XYZ color 11.8587, 7.8676,

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

11.8587, 7.8676, 1.0372

Protanopia

7.3430, 8.1435, 1.6368

Deuteranopia

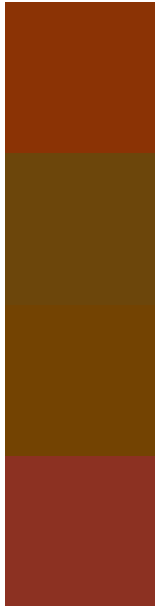
7.9513, 7.9356, 1.1126



Tritanopia

12.4479, 7.9196, 3.8902

Trichromacy



Original Color

11.8587, 7.8676, 1.0372

Protanomaly

8.4349, 7.5926, 1.3376

Deuteranomaly

9.0883, 7.6635, 1.0576

Tritanomaly

12.2023, 7.8876, 2.3927

Monochromacy



Original Color

11.8587, 7.8676, 1.0372

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

7.1908, 6.3670, 3.6463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8587, 7.8676, 1.0372 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(139, 51, 5)` looks like.

```
.text, #text, p{  
    color:rgb(139, 51, 5)  
}
```

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(139, 51, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 51, 5) }
```

Border

The CSS property to change the border of an element to XYZ 11.8587, 7.8676, 1.0372 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(139, 51, 5) }
```


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

```
.border{ border-color:rgb(139, 51, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 51, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 51, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 51, 5);  
box-shadow:4px 4px 4px 4px rgb(139, 51, 5)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.8587, 7.8676, 1.0372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 51, 5) }
```

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

```
.background{ background-color: rgb(139, 51,  
5) }
```

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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