

Converting Colors

XYZ(11.8018, 11.0777, 3.2437)

Have a look what the booklet for
XYZ(11.8018, 11.0777, 3.2437)
contains.

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Color

**XYZ(11.7682, 11.0875,
3.2701)**

Conversions

Conversions Part 1

Format	Color
Hex	7A5725
RGB	122, 87, 37
RGB Percent	48%, 34%, 15%
CMY	0.5216, 0.6588, 0.8549
CMYK	0.00, 0.29, 0.70, 0.52
HSL	35°, 53%, 31%
HSV	35°, 70%, 48%
XYZ	11.7682, 11.0875, 3.2701
YIQ	91.7650, 36.9100, -8.1300

Conversions

Conversions Part 2

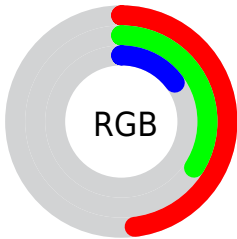
Format	Color
RYB	97, 122, 37
Decimal	8017701
CIELab	39.73, 9.00, 33.91
CIElCh	40, 35.089, 75.134
Yxy	11.0875, 0.4504, 0.4244
Android (android.graphics.Color)	4286207781 (0xFF7A5725)
YUV	91.7650, -26.9991, 26.5161
Hunter-Lab	33.2979, 4.8145, 17.4858

Details

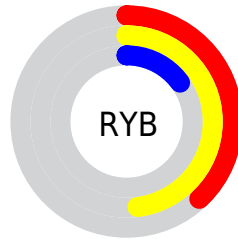
The XYZ color **11.7682, 11.0875, 3.2701** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **6.5931, 6.4330, 19.3066**, and the grayscale version is **10.1730, 10.7028, 11.6553**.

A 20% lighter version of the original color is **28.6774, 27.8785, 12.2571**, and **3.3538, 2.9580, 0.3942** is the 20% darker color. If you saturate the color by 10%, you get **11.2152, 10.2385, 2.2936**, and if you desaturate by 10%, it is **12.4141, 12.0199, 4.5938**.

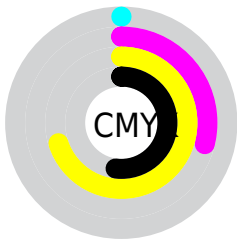
Distribution



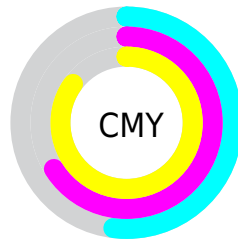
- Red (48%)
- Green (34%)
- Blue (15%)



- Red (38%)
- Yellow (48%)
- Blue (15%)



- Cyan (0%)
- Magenta (29%)
- Yellow (70%)
- Black (52%)



- Cyan (52%)
- Magenta (66%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7682, 11.0875, 3.2701 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 11.7682, 11.0875, 3.2701 by changing the saturation by 10% instead.

■ 11.7682, 11.0875,
3.2701

■ 11.7682, 11.0875,
3.2701

196.6660,
198.2669, 139.7297

■ 6.6571, 6.1257,
1.2341

■ 28.6928, 27.8219,
12.2880

■ 3.2930, 2.9217,
0.0069

■ 41.2369, 40.3632,
20.1069

■ 1.3105, 1.0910,
0.0000

■ 56.9895, 56.1999,
30.6907

■ 0.1911, 0.0000,
0.0000

■ 76.3159, 75.7163,
44.4577

■ 0.0000, 0.0000,
0.0000

■ 99.5813, 99.2968,
61.8266

■ 127.1513,

127.3258, 83.2159

159.3911,
160.1877, 109.0441

11.7682, 11.0875,
3.2701

11.7682, 11.0875,
3.2701

11.2152, 10.2385,
2.2936

12.4141, 12.0199,
4.5938

10.7470, 9.4673,
1.6284

13.1585, 13.0374,
6.2947

10.3413, 8.7646,
1.1582

14.0072, 14.1437,
8.4001

10.3285, 8.7424,
1.1431

14.9655, 15.3417,
10.9347

16.0380, 16.6341,
13.9210

■ 17.2294, 18.0235,
17.3802

■ 18.5437, 19.5124,
21.3320

■ 19.9850, 21.1032,
25.7948

■ 21.5570, 22.7980,
30.7864

Harmonies

Analogous

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



14.1436, 11.0875, 4.9152



11.7682, 11.0875, 3.2701



9.3780, 11.0875, 3.2768

Triad

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



11.7682, 11.0875, 3.2701



6.6793, 11.0875, 15.8651



14.1621, 11.0875, 24.0134

Complementary

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



11.7682, 11.0875, 3.2701



6.5931, 6.4330, 19.3066

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.



11.7906, 11.0875, 29.8701



11.7682, 11.0875, 3.2701



7.6045, 11.0875, 24.0824

Square

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



11.7682, 11.0875, 3.2701



6.6752, 11.0875, 8.9870



9.3973, 11.0875, 29.8993



15.6619, 11.0875, 15.7938

Rectangle

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



11.7682, 11.0875, 3.2701



8.0978, 11.0875, 4.1646



9.3973, 11.0875, 29.8993



13.4258, 11.0875, 26.4413

Sweetspot

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



11.7685, 11.0881, 3.2703



27.8540, 28.8343, 23.4657



9.8710, 5.9342, 6.8277



6.2732, 6.4786, 5.0967



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.



11.7685, 11.0881, 3.2703



19.1910, 17.1349, 3.2324



14.3528, 17.6919, 4.4088



4.1759, 4.3702, 4.2479



10.8659, 9.1877, 1.2007



50.9777, 42.1188, 5.4429

Inverse Universe

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



6.5931, 6.4330, 19.3066



9.4553, 8.4164, 33.5191



5.2168, 3.2657, 18.7678



3.9206, 4.1395, 5.0355



4.9019, 3.8863, 19.8771



22.5867, 16.9460, 94.5502

Previews

White Background



This preview shows how the XYZ color 11.7682, 11.0875, 3.2701 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 × Fail

Black Background



This preview shows how the XYZ color 11.7682, 11.0875, 3.2701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

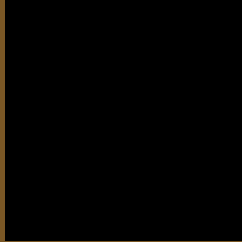
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.7682, 11.0875, 3.2701

Background



This preview shows how black text looks on a background with the XYZ color 11.7682, 11.0875, 3.2701.



This preview shows how white text looks on a background with the XYZ color 11.7682, 11.0875,

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

11.7682, 11.0875, 3.2701

Protanopia

10.1946, 11.1551, 3.5353

Deuteranopia

11.2269, 11.0540, 3.2110



Tritanopia

13.2362, 11.0991, 10.6772

Trichromacy



Original Color

11.7682, 11.0875, 3.2701

Protanomaly

10.6465, 11.0016, 3.3961

Deuteranomaly

11.4159, 11.0288, 3.1961

Tritanomaly

12.5567, 11.0554, 7.1023

Monochromacy



Original Color

11.7682, 11.0875, 3.2701

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.4194, 10.6638, 7.6400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7682, 11.0875, 3.2701 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(122, 87, 37)` looks like.

```
.text, #text, p{  
    color:rgb(122, 87, 37)  
}
```

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(122, 87, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 87, 37) }
```

Border

The CSS property to change the border of an element to XYZ 11.7682, 11.0875, 3.2701 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(122, 87, 37) }
```


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

```
.border{ border-color:rgb(122, 87, 37) }
```

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

Here you see how a box with a 4 pixel rgb(122, 87, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 87, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 87, 37);  
box-shadow:4px 4px 4px 4px rgb(122, 87,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7682, 11.0875, 3.2701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 87, 37) }
```

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

```
.background{ background-color: rgb(122, 87,  
37) }
```

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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