

Converting Colors

XYZ(15.1756, 11.7149, 3.2096)

Have a look what the booklet for
XYZ(15.1756, 11.7149, 3.2096)
contains.

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Color

**XYZ(15.2005, 11.7372,
3.2146)**

Conversions

Conversions Part 1

Format	Color
Hex	944D25
RGB	148, 77, 37
RGB Percent	58%, 30%, 15%
CMY	0.4196, 0.6980, 0.8549
CMYK	0.00, 0.48, 0.75, 0.42
HSL	22°, 60%, 36%
HSV	22°, 75%, 58%
XYZ	15.2005, 11.7372, 3.2146
YIQ	93.6690, 55.1560, 2.6120

Conversions

Conversions Part 2

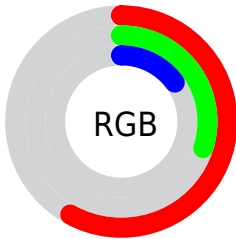
Format	Color
RYB	148, 100, 37
Decimal	9719077
CIELab	40.80, 26.59, 36.11
CIElCh	41, 44.845, 53.630
Yxy	11.7372, 0.5041, 0.3893
Android (android.graphics.Color)	4287909157 (0xFF944D25)
YUV	93.6690, -27.9378, 47.6483
Hunter-Lab	34.2596, 19.2436, 18.4185

Details

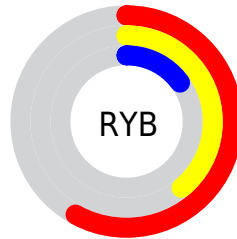
The XYZ color **15.2005, 11.7372, 3.2146** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.4703, 13.2556, 29.9707**, and the grayscale version is **10.6162, 11.1691, 12.1631**.

A 20% lighter version of the original color is **34.6432, 28.9406, 12.1477**, and **4.8779, 3.2039, 0.3613** is the 20% darker color. If you saturate the color by 10%, you get **14.3987, 10.4332, 2.0242**, and if you desaturate by 10%, it is **16.1935, 13.2730, 4.9338**.

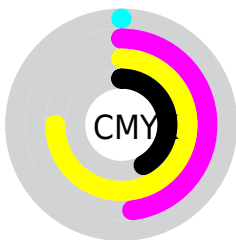
Distribution



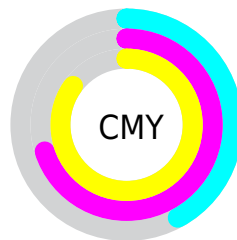
- Red (58%)
- Green (30%)
- Blue (15%)



- Red (58%)
- Yellow (39%)
- Blue (15%)



- Cyan (0%)
- Magenta (48%)
- Yellow (75%)
- Black (42%)



- Cyan (42%)
- Magenta (70%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2005, 11.7372, 3.2146 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 15.2005, 11.7372, 3.2146 by changing the saturation by 10% instead.

■ 15.2005, 11.7372,
3.2146

■ 15.2005, 11.7372,
3.2146

217.9410,
202.6576, 139.0486

■ 9.0475, 6.5650,
1.2052

■ 34.7733, 29.0156,
12.1535

■ 4.8295, 3.1916,
0.0000

■ 48.9238, 41.8905,
19.9202

■ 2.1813, 1.2326,
0.0000

■ 66.4708, 58.1018,
30.4430

■ 0.7329, 0.0881,
0.0000

■ 87.7796, 78.0339,
44.1405

■ 0.0000, 0.0000,
0.0000

■ 113.2157,
102.0711, 61.4313

■ 143.1444,

130.5979, 82.7339

177.9311,
163.9986, 108.4668

15.2005, 11.7372,
3.2146

15.2005, 11.7372,
3.2146

14.3987, 10.4332,
2.0242

16.1935, 13.2730,
4.9338

13.7699, 9.3455,
1.2906

17.3909, 15.0505,
7.2361

13.5012, 8.8730,
1.0011

18.8056, 17.0814,
10.1695

20.4490, 19.3757,
13.7769

22.3316, 21.9429,
18.0975

■ 24.4633, 24.7923,
23.1673

■ 26.8533, 27.9322,
29.0199

■ 29.5103, 31.3711,
35.6868

■ 32.4427, 35.1166,
43.1979

Harmonies

Analogous

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



17.7678, 11.7372, 6.9549



15.2005, 11.7372, 3.2146



11.8499, 11.7372, 2.0673

Triad

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



15.2005, 11.7372, 3.2146



6.1049, 11.7372, 10.9292



13.7981, 11.7372, 36.5581

Complementary

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



15.2005, 11.7372, 3.2146



11.4703, 13.2556, 29.9707

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.



10.4894, 11.7372, 39.3758



15.2005, 11.7372, 3.2146



6.4291, 11.7372, 21.1886

Square

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



15.2005, 11.7372, 3.2146



6.9117, 11.7372, 4.9397



7.9010, 11.7372, 32.7716



16.8563, 11.7372, 26.2748

Rectangle

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



15.2005, 11.7372, 3.2146



9.7726, 11.7372, 2.1841



7.9010, 11.7372, 32.7716



12.6639, 11.7372, 38.5639

Sweetspot

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



15.2008, 11.7378, 3.2148



40.3238, 39.9567, 34.0942



15.6426, 8.7264, 15.3702



9.0058, 8.8530, 7.3149



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



15.2008, 11.7378, 3.2148



24.6216, 17.0647, 2.6178



20.7099, 22.7561, 5.0512



5.9617, 6.1372, 6.1108



11.5564, 7.6272, 0.8631



0.1676, 0.1456, 0.0193

Inverse Universe

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



11.4703, 13.2556, 29.9707



17.5813, 19.6699, 52.3046



7.4112, 5.1374, 28.6177



5.7901, 6.2142, 7.3640



8.0615, 8.8177, 25.2081



0.1267, 0.1640, 0.3179

Previews

White Background



This preview shows how the XYZ color 15.2005, 11.7372, 3.2146 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 15.2005, 11.7372, 3.2146 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 15.2005, 11.7372, 3.2146

Background



This preview shows how black text looks on a background with the XYZ color 15.2005, 11.7372, 3.2146.



This preview shows how white text looks on a background with the XYZ color 15.2005, 11.7372,

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

15.2005, 11.7372, 3.2146

Protanopia

10.8951, 11.9120, 4.0105

Deuteranopia

11.9868, 11.8290, 3.0903



Tritanopia

16.3354, 11.7992, 8.6242

Trichromacy



Original Color

15.2005, 11.7372, 3.2146

Protanomaly

12.2248, 11.6834, 3.7086

Deuteranomaly

13.0570, 11.7572, 3.0946

Tritanomaly

15.7404, 11.6460, 6.1209

Monochromacy



Original Color

15.2005, 11.7372, 3.2146

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

11.6318, 11.0379, 7.8208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2005, 11.7372, 3.2146 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(148, 77, 37)` looks like.

```
.text, #text, p{  
  color:rgb(148, 77, 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(148, 77, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 77, 37) }
```

Border

The CSS property to change the border of an element to XYZ 15.2005, 11.7372, 3.2146 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(148, 77, 37) }
```


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

```
.border{ border-color:rgb(148, 77, 37) }
```

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

Here you see how a box with a 4 pixel rgb(148, 77, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 77, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 77, 37);  
box-shadow:4px 4px 4px 4px rgb(148, 77,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2005, 11.7372, 3.2146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 77, 37) }
```

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

```
.background{ background-color: rgb(148, 77,  
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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