

Converting Colors

XYZ(15.2317, 13.4463, 2.7205)

Have a look what the booklet for
XYZ(15.2317, 13.4463, 2.7205)
contains.

XYZ(15.2442, 13.3920, 2.7012)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.2442, 13.3920,
2.7012)**

Conversions

Conversions Part 1

Format	Color
Hex	8F5B19
RGB	143, 91, 25
RGB Percent	56%, 36%, 10%
CMY	0.4392, 0.6431, 0.9019
CMYK	0.00, 0.36, 0.83, 0.44
HSL	34°, 70%, 33%
HSV	34°, 83%, 56%
XYZ	15.2442, 13.3920, 2.7012
YIQ	99.0240, 52.1780, -9.5020

Conversions

Conversions Part 2

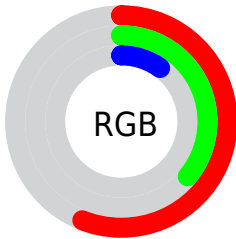
Format	Color
R_{YB}	118, 143, 25
Decimal	9394969
CIE Lab	43.35, 15.85, 43.99
CIE LCh	43, 46.762, 70.188
Yxy	13.3920, 0.4865, 0.4273
Android (android.graphics.Color)	4287585049 (0xFF8F5B19)
YUV	99.0240, -36.4938, 38.5670
Hunter-Lab	36.5951, 10.3153, 21.2402

Details

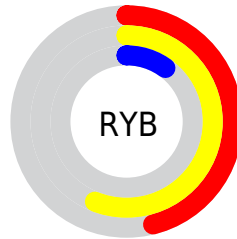
The XYZ color **15.2442, 13.3920, 2.7012** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **8.0126, 7.4973, 27.0111**, and the grayscale version is **11.9460, 12.5682, 13.6867**.

A 20% lighter version of the original color is **34.8483, 31.9617, 10.8111**, and **4.9629, 3.9515, 0.5011** is the 20% darker color. If you saturate the color by 10%, you get **14.6114, 12.3134, 1.9143**, and if you desaturate by 10%, it is **16.0018, 14.5940, 3.9194**.

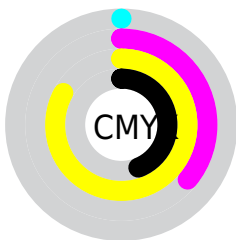
Distribution



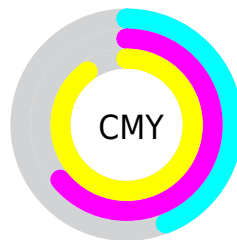
- Red (56%)
- Green (36%)
- Blue (10%)



- Red (46%)
- Yellow (56%)
- Blue (10%)



- Cyan (0%)
- Magenta (36%)
- Yellow (83%)
- Black (44%)



- Cyan (44%)
- Magenta (64%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2442, 13.3920, 2.7012 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 15.2442, 13.3920, 2.7012 by changing the saturation by 10% instead.

■ 15.2442, 13.3920,
2.7012

■ 15.2442, 13.3920,
2.7012

218.1988,
213.4149, 132.4590

■ 9.0784, 7.6990,
0.9440

■ 34.8492, 32.0063,
10.8818

■ 4.8499, 3.9030,
0.0000

■ 49.0190, 45.6963,
18.1424

■ 2.1933, 1.6194,
0.0000

■ 66.5876, 62.8209,
28.0746

■ 0.7392, 0.3707,
0.0000


■ 87.9202, 83.7643,
41.0970


■ 0.0000, 0.0000,
0.0000


■ 113.3823,
108.9111, 57.6281


■ 143.3392,


138.6455, 78.0865


 178.1562,
173.3520, 102.8906


 15.2442, 13.3920,
2.7012


 15.2442, 13.3920,
2.7012


 14.6114, 12.3134,
1.9143


 16.0018, 14.5940,
3.9194

 14.1952, 11.5750,
1.4860

 16.8949, 15.9239,
5.6245

 17.9340, 17.3878,
7.8642

 19.1278, 18.9909,
10.6806

 20.4845, 20.7381,
14.1113

■ 22.0114, 22.6339,
18.1906

■ 23.7155, 24.6823,
22.9506

■ 25.6033, 26.8876,
28.4209

■ 27.6808, 29.2534,
34.6295

Harmonies

Analogous

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



18.8405, 13.3920, 5.1117



15.2442, 13.3920, 2.7012



11.5335, 13.3920, 2.4288

Triad

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



15.2442, 13.3920, 2.7012



7.0204, 13.3920, 18.4111



17.7853, 13.3920, 35.8056

Complementary

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



15.2442, 13.3920, 2.7012



8.0126, 7.4973, 27.0111

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.



14.0037, 13.3920, 44.4345



15.2442, 13.3920, 2.7012



8.1062, 13.3920, 31.6600

Square

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



15.2442, 13.3920, 2.7012



7.2262, 13.3920, 8.8012



10.5064, 13.3920, 42.6347



20.4900, 13.3920, 22.4611

Rectangle

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



15.2442, 13.3920, 2.7012



9.5315, 13.3920, 3.2287



10.5064, 13.3920, 42.6347



16.5712, 13.3920, 39.5863

Sweetspot

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



15.2445, 13.3927, 2.7014



38.5627, 39.4829, 30.2499



13.0540, 7.0865, 7.9066



8.6448, 8.8082, 6.4057



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.2445, 13.3927, 2.7014



25.3422, 20.5537, 2.6850



20.3306, 25.0416, 4.6818



5.6433, 5.8929, 5.7294



12.5726, 10.2768, 1.3210



0.1422, 0.1423, 0.0200

Inverse Universe

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



8.0126, 7.4973, 27.0111



12.0006, 9.7605, 47.7895



5.8677, 2.9683, 26.2499



5.3129, 5.6216, 6.8338



5.9763, 4.9386, 23.6153



0.0785, 0.0899, 0.2329

Previews

White Background



This preview shows how the XYZ color 15.2442, 13.3920, 2.7012 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 15.2442, 13.3920, 2.7012 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 15.2442, 13.3920, 2.7012

Background



This preview shows how black text looks on a background with the XYZ color 15.2442, 13.3920, 2.7012.



This preview shows how white text looks on a background with the XYZ color 15.2442, 13.3920,

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

15.2442, 13.3920, 2.7012

Protanopia

12.1301, 13.4292, 3.0514

Deuteranopia

13.7184, 13.5391, 2.6493



Tritanopia

16.9909, 13.3633, 11.5814

Trichromacy



Original Color

15.2442, 13.3920, 2.7012

Protanomaly

13.1171, 13.3628, 2.9248

Deuteranomaly

14.2385, 13.3972, 2.6461

Tritanomaly

16.0984, 13.2414, 7.0176

Monochromacy



Original Color

15.2442, 13.3920, 2.7012

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.4228, 12.4785, 7.8847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2442, 13.3920, 2.7012 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(143, 91, 25)` looks like.

```
.text, #text, p{  
    color:rgb(143, 91, 25)  
}
```

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(143, 91, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 91, 25) }
```

Border

The CSS property to change the border of an element to XYZ 15.2442, 13.3920, 2.7012 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(143, 91, 25) }
```


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

```
.border{ border-color:rgb(143, 91, 25) }
```

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

Here you see how a box with a 4 pixel rgb(143, 91, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 91, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 91, 25);  
box-shadow:4px 4px 4px 4px rgb(143, 91,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2442, 13.3920, 2.7012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 91, 25) }
```

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

```
.background{ background-color: rgb(143, 91,  
25) }
```

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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