

Converting Colors

XYZ(14.5049, 11.3918, 2.2483)

Have a look what the booklet for
XYZ(14.5049, 11.3918, 2.2483)
contains.

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Color

**XYZ(14.4856, 11.3894,
2.2455)**

Conversions

Conversions Part 1

Format	Color
Hex	914D17
RGB	145, 77, 23
RGB Percent	57%, 30%, 9%
CMY	0.4314, 0.6980, 0.9098
CMYK	0.00, 0.47, 0.84, 0.43
HSL	27°, 73%, 33%
HSV	27°, 84%, 57%
XYZ	14.4856, 11.3894, 2.2455
YIQ	91.1760, 57.8620, -2.3780

Conversions

Conversions Part 2

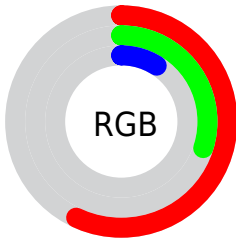
Format	Color
R_{YB}	145, 120, 23
Decimal	9522455
CIE _{Lab}	40.23, 24.71, 42.10
CIE _{LCh}	40, 48.816, 59.588
Yxy	11.3894, 0.5151, 0.4050
Android (android.graphics.Color)	4287712535 (0xFF914D17)
YUV	91.1760, -33.6108, 47.2036
Hunter-Lab	33.7482, 17.5575, 19.6788

Details

The XYZ color **14.4856, 11.3894, 2.2455** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.2049, 9.7080, 28.1765**, and the grayscale version is **10.0493, 10.5727, 11.5136**.

A 20% lighter version of the original color is **33.6285, 28.4710, 9.6843**, and **4.6098, 3.1038, 0.3561** is the 20% darker color. If you saturate the color by 10%, you get **13.8470, 10.2852, 1.4996**, and if you desaturate by 10%, it is **15.2741, 12.6670, 3.4318**.

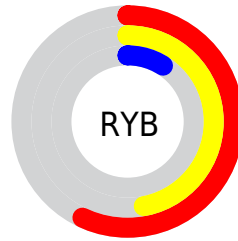
Distribution



Red (57%)

Green (30%)

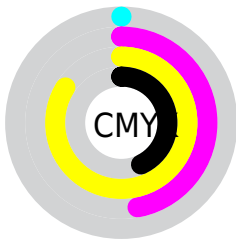
Blue (9%)



Red (57%)

Yellow (47%)

Blue (9%)

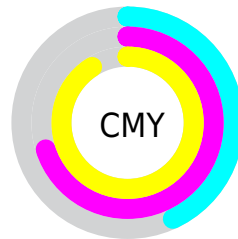


Cyan (0%)

Magenta (47%)

Yellow (84%)

Black (43%)



Cyan (43%)

Magenta (70%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4856, 11.3894, 2.2455 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 14.4856, 11.3894, 2.2455 by changing the saturation by 10% instead.

■ 14.4856, 11.3894,
2.2455

■ 14.4856, 11.3894,
2.2455

213.6819,
200.3199, 126.0795

■ 8.5431, 6.3294,
0.7004

■ 33.5273, 28.3780,
9.7017

■ 4.4991, 3.0464,
0.0000

■ 47.3573, 41.0754,
16.4733

■ 1.9882, 1.1560,
0.0000

■ 64.5471, 57.0874,
25.8319

■ 0.6273, 0.0253,
0.0000


■ 85.4622, 76.7984,
38.1961


■ 0.0000, 0.0000,
0.0000


■ 110.4679,
100.5927, 53.9844


■ 139.9294,


128.8548, 73.6154


 174.2123,
161.9691, 97.5076


 14.4856, 11.3894,
2.2455


 14.4856, 11.3894,
2.2455


 13.8470, 10.2852,
1.4996

 15.2741, 12.6670,
3.4318

 13.5208, 9.7074,
1.1611

 16.2259, 14.1258,
5.1204

 17.3531, 15.7748,
7.3624

 18.6662, 17.6218,
10.2024

 20.1748, 19.6739,
13.6805

■ 21.8878, 21.9380,
17.8331

■ 23.8133, 24.4206,
22.6940

■ 25.9592, 27.1277,
28.2945

■ 28.3328, 30.0653,
34.6644

Harmonies

Analogous

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



17.5679, 11.3894, 5.2604



14.4856, 11.3894, 2.2455



10.8724, 11.3894, 1.5175

Triad

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



14.4856, 11.3894, 2.2455



5.5133, 11.3894, 12.2669



14.3869, 11.3894, 36.8662

Complementary

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



14.4856, 11.3894, 2.2455



9.2049, 9.7080, 28.1765

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.



10.7783, 11.3894, 42.1499



14.4856, 11.3894, 2.2455



6.0752, 11.3894, 24.1414

Square

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



14.4856, 11.3894, 2.2455



6.1073, 11.3894, 5.1299



7.8402, 11.3894, 36.5884



17.5031, 11.3894, 24.5069

Rectangle

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



14.4856, 11.3894, 2.2455



8.7771, 11.3894, 1.8006



7.8402, 11.3894, 36.5884



13.1697, 11.3894, 39.7473

Sweetspot

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



14.4859, 11.3900, 2.2457



38.7510, 38.7037, 30.8328



13.9210, 7.4076, 10.8520



8.4021, 8.3229, 6.3248



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.



14.4859, 11.3900, 2.2457



24.0458, 17.0484, 2.0233



20.7583, 23.9349, 4.3365



5.5931, 5.7924, 5.7126



11.6225, 8.3768, 1.0043



0.1325, 0.1229, 0.0167

Inverse Universe

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



9.2049, 9.7080, 28.1765



14.2217, 13.7990, 49.8875



5.9577, 3.2135, 27.0941



5.3631, 5.7221, 6.8506



6.9219, 6.8298, 23.9305



0.0882, 0.1093, 0.2361

Previews

White Background



This preview shows how the XYZ color 14.4856, 11.3894, 2.2455 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 14.4856, 11.3894, 2.2455 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 14.4856, 11.3894, 2.2455

Background



This preview shows how black text looks on a background with the XYZ color 14.4856, 11.3894, 2.2455.



This preview shows how white text looks on a background with the XYZ color 14.4856, 11.3894,

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

14.4856, 11.3894, 2.2455

Protanopia

10.4559, 11.5754, 2.7818

Deuteranopia

11.5803, 11.5127, 2.1020



Tritanopia

15.6895, 11.3736, 8.3896

Trichromacy



Original Color

14.4856, 11.3894, 2.2455

Protanomaly

11.6440, 11.2843, 2.5417

Deuteranomaly

12.4986, 11.3697, 2.1519

Tritanomaly

15.0414, 11.3040, 5.2600

Monochromacy



Original Color

14.4856, 11.3894, 2.2455

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.8667, 10.4284, 6.5944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4856, 11.3894, 2.2455 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(145, 77, 23)` looks like.

```
.text, #text, p{  
    color:rgb(145, 77, 23)  
}
```

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(145, 77, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 77, 23) }
```

Border

The CSS property to change the border of an element to XYZ 14.4856, 11.3894, 2.2455 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(145, 77, 23) }
```


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

```
.border{ border-color:rgb(145, 77, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 77, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 77, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 77, 23);  
box-shadow:4px 4px 4px 4px rgb(145, 77,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4856, 11.3894, 2.2455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 77, 23) }
```

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

```
.background{ background-color: rgb(145, 77,  
23) }
```

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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