

Converting Colors

XYZ(15.3069, 11.2510, 5.9631)

Have a look what the booklet for
XYZ(15.3069, 11.2510, 5.9631)
contains.

XYZ(15.2195, 11.1856, 5.9143)	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(15.2195, 11.1856,
5.9143)**

Conversions

Conversions Part 1

Format	Color
Hex	93483E
RGB	147, 72, 62
RGB Percent	58%, 28%, 24%
CMY	0.4235, 0.7176, 0.7569
CMYK	0.00, 0.51, 0.58, 0.42
HSL	7°, 41%, 41%
HSV	7°, 58%, 58%
XYZ	15.2195, 11.1856, 5.9143
YIQ	93.2850, 47.9100, 12.7900

Conversions

Conversions Part 2

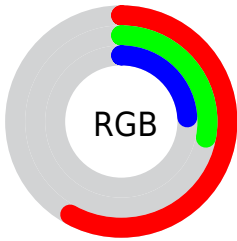
Format	Color
R_{YB}	147, 73, 62
Decimal	9652286
CIE Lab	39.89, 30.60, 20.62
CIE LCh	40, 36.901, 33.974
Yxy	11.1856, 0.4709, 0.3461
Android (android.graphics.Color)	4287842366 (0xFF93483E)
YUV	93.2850, -15.4235, 47.1081
Hunter-Lab	33.4449, 22.7001, 12.9267

Details

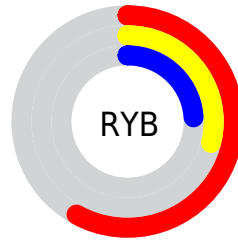
The XYZ color **15.2195, 11.1856, 5.9143** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **16.1981, 21.0207, 30.8073**, and the grayscale version is **10.4986, 11.0453, 12.0284**.

A 20% lighter version of the original color is **34.6758, 27.8822, 18.3060**, and **4.8665, 2.9791, 0.9803** is the 20% darker color. If you saturate the color by 10%, you get **14.1175, 9.5422, 3.8190**, and if you desaturate by 10%, it is **16.6081, 13.2276, 8.6437**.

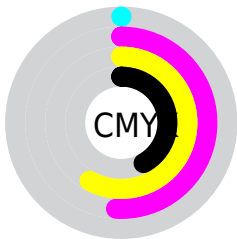
Distribution



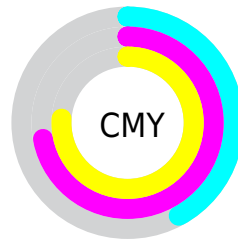
- Red (58%)
- Green (28%)
- Blue (24%)



- Red (58%)
- Yellow (29%)
- Blue (24%)



- Cyan (0%)
- Magenta (51%)
- Yellow (58%)
- Black (42%)





- Cyan (42%)
- Magenta (72%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.2195, 11.1856, 5.9143 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 15.2195, 11.1856, 5.9143 by changing the saturation by 10% instead.


 15.2195, 11.1856,
5.9143

 15.2195, 11.1856,
5.9143


218.0531,
198.9365, 167.5833


 9.0609, 6.1918,
2.7251


 34.8063, 28.0029,
18.2273


 4.8384, 2.9621,
0.9560

 48.9652, 40.5951,
28.1883


 2.1865, 1.1120,
0.0000

 66.5216, 56.4890,
41.2435

 0.7356, 0.0000,
0.0000

 87.8408, 76.0689,
57.8116

 0.0000, 0.0000,
0.0000

 113.2882, 99.7192,
78.3111

 143.2291,

127.8243, 103.1605

178.0290,
160.7686, 132.7784

■ 15.2195, 11.1856,
5.9143

■ 15.2195, 11.1856,
5.9143

■ 14.1175, 9.5422,
3.8190

■ 16.6081, 13.2276,
8.6437

■ 13.2811, 8.2697,
2.3059

■ 18.3007, 15.6903,
12.0523

■ 12.6875, 7.3394,
1.3160

■ 20.3144, 18.5959,
16.1818

■ 12.3025, 6.7148,
0.7396

■ 22.6647, 21.9649,
21.0702

■ 12.2377, 6.6133,
0.6315

■ 25.3660, 25.8162,
26.7530

■ 28.4320, 30.1680,
33.2633

■ 31.8756, 35.0371,
40.6326

■ 35.7091, 40.4400,
48.8905

■ 39.9442, 46.3921,
58.0653

Harmonies

Analogous

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



16.2880, 11.1856, 11.2351



15.2195, 11.1856, 5.9143



12.9225, 11.1856, 3.4366

Triad

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



15.2195, 11.1856, 5.9143



6.8181, 11.1856, 7.0137



10.9737, 11.1856, 32.1483

Complementary

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



15.2195, 11.1856, 5.9143



16.1981, 21.0207, 30.8073

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.



8.6288, 11.1856, 29.5746



15.2195, 11.1856, 5.9143



6.4647, 11.1856, 13.1748

Square

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



15.2195, 11.1856, 5.9143



8.1285, 11.1856, 3.8708



7.0729, 11.1856, 21.7904



13.6020, 11.1856, 27.8572

Rectangle

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



15.2195, 11.1856, 5.9143



11.1528, 11.1856, 2.8911



7.0729, 11.1856, 21.7904



10.1269, 11.1856, 32.0650

Sweetspot

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



15.2198, 11.1862, 5.9145



40.8040, 39.6428, 38.1828



18.2766, 11.4569, 24.9463



9.1312, 8.7873, 8.3327



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.



15.2198, 11.1862, 5.9145



24.8495, 16.4352, 6.0395



18.9665, 18.6797, 7.1634



5.8525, 5.9189, 6.0745



10.6200, 5.7545, 0.5510



0.1407, 0.0919, 0.0103

Inverse Universe

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



16.1981, 21.0207, 30.8073



26.7224, 35.6515, 54.9076



11.3079, 11.2403, 29.1773



5.9065, 6.4469, 7.4028



11.4632, 15.6211, 26.3420



0.1536, 0.2177, 0.3268

Previews

White Background



This preview shows how the XYZ color 15.2195, 11.1856, 5.9143 looks on a white background.

Color Contrast Check

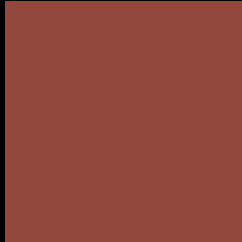
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.2195, 11.1856, 5.9143 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 15.2195, 11.1856, 5.9143

Background



This preview shows how black text looks on a background with the XYZ color 15.2195, 11.1856, 5.9143.



This preview shows how white text looks on a background with the XYZ color 15.2195, 11.1856,

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

15.2195, 11.1856, 5.9143

Protanopia

10.5069, 11.2270, 7.5745

Deuteranopia

11.3850, 11.2055, 5.7005



Tritanopia

15.6729, 11.1842, 7.9893

Trichromacy



Original Color

15.2195, 11.1856, 5.9143

Protanomaly

11.8424, 10.9245, 6.9533

Deuteranomaly

12.5131, 10.9484, 5.7287

Tritanomaly

15.5715, 11.2446, 7.1441

Monochromacy



Original Color

15.2195, 11.1856, 5.9143

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

11.5815, 10.6169, 9.4215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2195, 11.1856, 5.9143 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(147, 72, 62)` looks like.

```
.text, #text, p{  
    color:rgb(147, 72, 62)  
}
```

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(147, 72, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 72, 62) }
```

Border

The CSS property to change the border of an element to XYZ 15.2195, 11.1856, 5.9143 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(147, 72, 62) }
```


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

```
.border{ border-color:rgb(147, 72, 62) }
```

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

Here you see how a box with a 4 pixel rgb(147, 72, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 72, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 72, 62);  
box-shadow:4px 4px 4px 4px rgb(147, 72,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2195, 11.1856, 5.9143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 72, 62) }
```

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

```
.background{ background-color: rgb(147, 72,  
62) }
```

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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