

Converting Colors

XYZ(14.5141, 10.6372, 6.6167)

Have a look what the booklet for
XYZ(14.5141, 10.6372, 6.6167)
contains.

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Color

**XYZ(14.5310, 10.6252,
6.5952)**

Conversions

Conversions Part 1

Format	Color
Hex	8F4643
RGB	143, 70, 67
RGB Percent	56%, 27%, 26%
CMY	0.4392, 0.7255, 0.7373
CMYK	0.00, 0.51, 0.53, 0.44
HSL	2°, 36%, 41%
HSV	2°, 53%, 56%
XYZ	14.5310, 10.6252, 6.5952
YIQ	91.4850, 44.4710, 14.5430

Conversions

Conversions Part 2

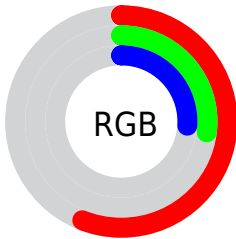
Format	Color
R_{YB}	143, 70, 67
Decimal	9389635
CIE Lab	38.94, 30.54, 16.18
CIE LCh	39, 34.560, 27.920
Yxy	10.6252, 0.4576, 0.3346
Android (android.graphics.Color)	4287579715 (0xFF8F4643)
YUV	91.4850, -12.0711, 45.1787
Hunter-Lab	32.5963, 22.5293, 10.8213

Details

The XYZ color **14.5310, 10.6252, 6.5952** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **16.6503, 21.9316, 29.3423**, and the grayscale version is **10.0744, 10.5991, 11.5424**.

A 20% lighter version of the original color is **33.6304, 26.9501, 19.6490**, and **4.4763, 2.7145, 1.1522** is the 20% darker color. If you saturate the color by 10%, you get **13.3907, 8.9485, 4.3536**, and if you desaturate by 10%, it is **15.9743, 12.7385, 9.4607**.

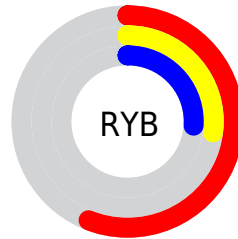
Distribution



Red (56%)

Green (27%)

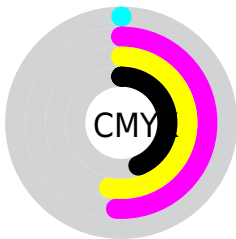
Blue (26%)



Red (56%)

Yellow (27%)

Blue (26%)

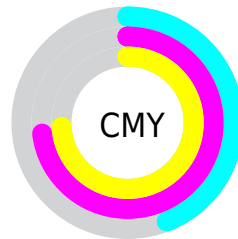


Cyan (0%)

Magenta (51%)

Yellow (53%)

Black (44%)



Cyan (44%)


Magenta (73%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.5310, 10.6252, 6.5952 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 14.5310, 10.6252, 6.5952 by changing the saturation by 10% instead.


 14.5310, 10.6252,
6.5952

 14.5310, 10.6252,
6.5952


213.9548,
195.0778, 173.7577


 8.5751, 5.8154,
3.1357


 33.6067, 26.9650,
19.6529


 4.5199, 2.7332,
1.1643

 47.4573, 39.2638,
30.0882


 2.0003, 0.9941,
0.0000

 64.6700, 54.8277,
43.6858

 0.6341, 0.0000,
0.0000

 85.6104, 74.0411,
60.8643

 0.0000, 0.0000,
0.0000

 110.6437, 97.2884,
82.0422

140.1353,

124.9541, 107.6380

174.4505,
157.4224, 138.0703

■ 14.5310, 10.6252,
6.5952

■ 14.5310, 10.6252,
6.5952

■ 13.3907, 8.9485,
4.3536

■ 15.9743, 12.7385,
9.4607

■ 12.5311, 7.6763,
2.6890

■ 17.7393, 15.3141,
12.9911

■ 11.9281, 6.7750,
1.5487

■ 19.8440, 18.3778,
17.2249

■ 11.5531, 6.2046,
0.8701

■ 22.3050, 21.9529,
22.1971

■ 11.3890, 5.9623,
0.5506

■ 25.1376, 26.0614,
27.9407

■ 28.3565, 30.7239,
34.4865

■ 31.9752, 35.9597,
41.8637

■ 36.0070, 41.7876,
50.1000

■ 40.4643, 48.2252,
59.2218

Harmonies

Analogous

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



15.1930, 10.6252, 12.0347



14.5310, 10.6252, 6.5952



12.6338, 10.6252, 3.8150

Triad

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



14.5310, 10.6252, 6.5952



6.7968, 10.6252, 6.0630



9.9393, 10.6252, 29.3972

Complementary

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



14.5310, 10.6252, 6.5952



16.6503, 21.9316, 29.3423

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.



7.9281, 10.6252, 25.9562



14.5310, 10.6252, 6.5952



6.2936, 10.6252, 11.1156

Square

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



14.5310, 10.6252, 6.5952



8.1669, 10.6252, 3.5998



6.6744, 10.6252, 18.5686



12.3139, 10.6252, 26.7518

Rectangle

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



14.5310, 10.6252, 6.5952



11.0527, 10.6252, 3.0791



6.6744, 10.6252, 18.5686



9.2016, 10.6252, 28.8935

Sweetspot

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



14.5313, 10.6258, 6.5954



38.4670, 37.1688, 36.7621



18.1030, 11.7613, 26.3078



8.6345, 8.2522, 8.0527



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.



14.5313, 10.6258, 6.5954



23.5992, 15.4622, 7.0531



17.6543, 16.8719, 7.6364



5.4249, 5.4561, 5.6566



10.0738, 5.2793, 0.4881



0.0990, 0.0559, 0.0056

Inverse Universe

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



16.6503, 21.9316, 29.3423



27.8084, 37.9729, 52.4019



12.0701, 12.7713, 27.8155



5.5423, 6.0803, 6.9103



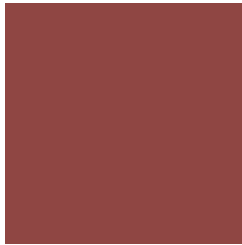
12.3409, 17.6679, 25.7369



0.1217, 0.1763, 0.2473

Previews

White Background



This preview shows how the XYZ color 14.5310, 10.6252, 6.5952 looks on a white background.

Color Contrast Check

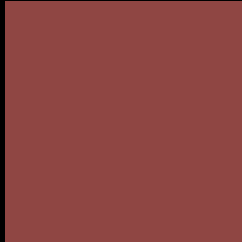
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5310, 10.6252, 6.5952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

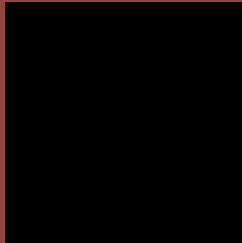
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5310, 10.6252, 6.5952

Background



This preview shows how black text looks on a background with the XYZ color 14.5310, 10.6252, 6.5952.



This preview shows how white text looks on a background with the XYZ color 14.5310, 10.6252,

6.5952.

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

14.5310, 10.6252, 6.5952

Protanopia

10.0965, 10.7315, 8.5604

Deuteranopia

10.8455, 10.6646, 6.3373



Tritanopia

14.6918, 10.5903, 7.7484

Trichromacy



Original Color

14.5310, 10.6252, 6.5952

Protanomaly

11.3124, 10.3991, 7.7143

Deuteranomaly

11.9226, 10.4041, 6.3808

Tritanomaly

14.5931, 10.5508, 7.2286

Monochromacy



Original Color

14.5310, 10.6252, 6.5952

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.0467, 10.1107, 9.3520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5310, 10.6252, 6.5952 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, 70, 67)` looks like.

```
.text, #text, p{  
    color:rgb(143, 70, 67)  
}
```

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, 70, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 70, 67) }
```

Border

The CSS property to change the border of an element to XYZ 14.5310, 10.6252, 6.5952 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, 70, 67) }
```


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

```
.border{ border-color:rgb(143, 70, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 70, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 70, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 70, 67);  
box-shadow:4px 4px 4px 4px rgb(143, 70,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5310, 10.6252, 6.5952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 70, 67) }
```

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

```
.background{ background-color: rgb(143, 70,  
67) }
```

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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