

Converting Colors

XYZ(14.6590, 10.7973, 5.0291)

Have a look what the booklet for
XYZ(14.6590, 10.7973, 5.0291)
contains.

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Color

**XYZ(14.6441, 10.8117,
5.0564)**

Conversions

Conversions Part 1

Format	Color
Hex	914738
RGB	145, 71, 56
RGB Percent	57%, 28%, 22%
CMY	0.4314, 0.7216, 0.7804
CMYK	0.00, 0.51, 0.61, 0.43
HSL	10°, 44%, 39%
HSV	10°, 61%, 57%
XYZ	14.6441, 10.8117, 5.0564
YIQ	91.4160, 48.9190, 11.0230

Conversions

Conversions Part 2

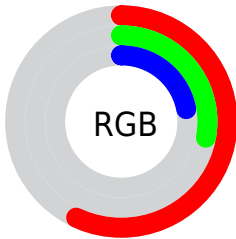
Format	Color
R_{YB}	145, 74, 56
Decimal	9520952
CIE _{Lab}	39.26, 29.85, 23.39
CIE _{LCh}	39, 37.924, 38.081
Yxy	10.8117, 0.4799, 0.3543
Android (android.graphics.Color)	4287711032 (0xFF914738)
YUV	91.4160, -17.4601, 46.9932
Hunter-Lab	32.8811, 21.9556, 13.8993

Details

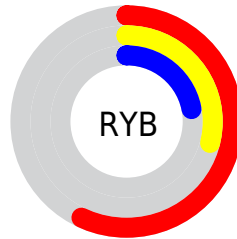
The XYZ color **14.6441, 10.8117, 5.0564** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **14.7239, 18.8493, 29.6503**, and the grayscale version is **10.0698, 10.5942, 11.5371**.

A 20% lighter version of the original color is **33.9142, 27.3505, 16.3237**, and **4.5955, 2.8155, 0.6820** is the 20% darker color. If you saturate the color by 10%, you get **13.6474, 9.3060, 3.2209**, and if you desaturate by 10%, it is **15.8962, 12.6639, 7.4841**.

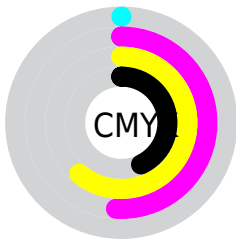
Distribution



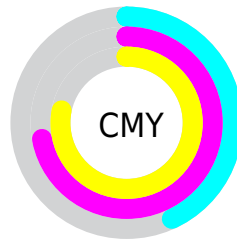
- Red (57%)
- Green (28%)
- Blue (22%)



- Red (57%)
- Yellow (29%)
- Blue (22%)



- Cyan (0%)
- Magenta (51%)
- Yellow (61%)
- Black (43%)





- Cyan (43%)
- Magenta (72%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.6441, 10.8117, 5.0564 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 14.6441, 10.8117, 5.0564 by changing the saturation by 10% instead.


 14.6441, 10.8117,
5.0564


 14.6441, 10.8117,
5.0564


214.6332,
196.3711, 159.3291


 8.6547, 5.9404,
2.2211


 33.8044, 27.3114,
16.3809


 4.5719, 2.8088,
0.6865

 47.7060, 39.7086,
25.7072


 2.0305, 1.0328,
0.0000

 64.9757, 55.3832,
38.0342

 0.6510, 0.0000,
0.0000

 85.9789, 74.7196,
53.7805

 0.0000, 0.0000,
0.0000

 111.0808, 98.1022,
73.3646

 140.6470,

125.9154, 97.2050

175.0426,
158.5436, 125.7203

■ 14.6441, 10.8117,
5.0564

■ 14.6441, 10.8117,
5.0564

■ 13.6474, 9.3060,
3.2209

■ 15.8962, 12.6639,
7.4841

■ 12.8871, 8.1234,
1.9257

■ 17.4193, 14.8808,
10.5486

■ 12.3428, 7.2400,
1.1110

■ 19.2287, 17.4812,
14.2910

■ 12.0129, 6.6915,
0.6584

■ 21.3381, 20.4823,
18.7486

■ 23.7606, 23.8999,
23.9561

■ 26.5082, 27.7493,
29.9458

■ 29.5925, 32.0449,
36.7484

■ 33.0245, 36.8004,
44.3926

■ 36.8146, 42.0289,
52.9059

Harmonies

Analogous

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



15.9420, 10.8117, 9.9046



14.6441, 10.8117, 5.0564



12.2195, 10.8117, 2.9540

Triad

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



14.6441, 10.8117, 5.0564



6.3622, 10.8117, 7.2658



10.9817, 10.8117, 31.8944

Complementary

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



14.6441, 10.8117, 5.0564



14.7239, 18.8493, 29.6503

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.



8.5507, 10.8117, 30.2210



14.6441, 10.8117, 5.0564



6.1424, 10.8117, 13.8607

Square

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



14.6441, 10.8117, 5.0564



7.5364, 10.8117, 3.8119



6.8767, 10.8117, 22.7447



13.6105, 10.8117, 26.6656

Rectangle

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



14.6441, 10.8117, 5.0564



10.4414, 10.8117, 2.5708



6.8767, 10.8117, 22.7447



10.1127, 10.8117, 32.1510

Sweetspot

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



14.6444, 10.8123, 5.0566



39.4567, 38.4395, 36.2333



17.1317, 10.4643, 22.2947



8.5348, 8.2078, 7.5413



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.



14.6444, 10.8123, 5.0566



23.8241, 15.7158, 4.6904



18.5597, 18.6429, 6.3617



5.4778, 5.5620, 5.6742



10.3179, 5.7676, 0.5694



0.1098, 0.0774, 0.0091

Inverse Universe

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



14.7239, 18.8493, 29.6503



23.9063, 31.2835, 52.7519



10.0430, 9.4876, 28.0900



5.4840, 5.9637, 6.8908



10.2184, 13.4228, 25.0294



0.1109, 0.1548, 0.2437

Previews

White Background



This preview shows how the XYZ color 14.6441, 10.8117, 5.0564 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 14.6441, 10.8117, 5.0564 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 14.6441, 10.8117, 5.0564

Background



This preview shows how black text looks on a background with the XYZ color 14.6441, 10.8117, 5.0564.



This preview shows how white text looks on a background with the XYZ color 14.6441, 10.8117,

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

14.6441, 10.8117, 5.0564

Protanopia

10.2353, 10.9771, 6.5804

Deuteranopia

11.1544, 10.9792, 4.8995



Tritanopia

15.1848, 10.8483, 7.5969

Trichromacy



Original Color

14.6441, 10.8117, 5.0564

Protanomaly

11.4541, 10.6267, 6.0049

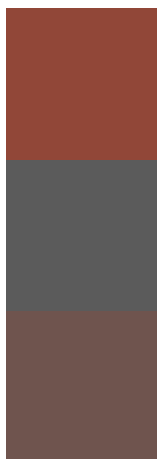
Deuteranomaly

12.1406, 10.6609, 4.9079

Tritanomaly

15.0573, 10.8966, 6.6198

Monochromacy



Original Color

14.6441, 10.8117, 5.0564

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.1010, 10.2702, 8.6050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6441, 10.8117, 5.0564 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, 71, 56)` looks like.

```
.text, #text, p{  
    color:rgb(145, 71, 56)  
}
```

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, 71, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 71, 56) }
```

Border

The CSS property to change the border of an element to XYZ 14.6441, 10.8117, 5.0564 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, 71, 56) }
```


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

```
.border{ border-color:rgb(145, 71, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 71, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 71, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 71, 56);  
box-shadow:4px 4px 4px 4px rgb(145, 71,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6441, 10.8117, 5.0564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 71, 56) }
```

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

```
.background{ background-color: rgb(145, 71,  
56) }
```

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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