

Converting Colors

XYZ(14.6542, 9.6889, 5.7194)

Have a look what the booklet for
XYZ(14.6542, 9.6889, 5.7194)
contains.

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Color

**XYZ(14.5953, 9.6698,
5.6546)**

Conversions

Conversions Part 1

Format	Color
Hex	943A3E
RGB	148, 58, 62
RGB Percent	58%, 23%, 24%
CMY	0.4196, 0.7725, 0.7569
CMYK	0.00, 0.61, 0.58, 0.42
HSL	357°, 44%, 40%
HSV	357°, 61%, 58%
XYZ	14.5953, 9.6698, 5.6546
YIQ	85.3660, 52.3560, 20.3240

Conversions

Conversions Part 2

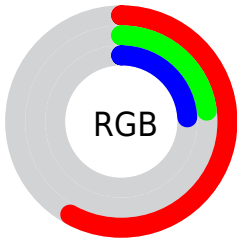
Format	Color
R_{YB}	148, 58, 62
Decimal	9714238
CIE Lab	37.24, 38.25, 17.18
CIE LCh	37, 41.934, 24.186
Yxy	9.6698, 0.4878, 0.3232
Android (android.graphics.Color)	4287904318 (0xFF943A3E)
YUV	85.3660, -11.5194, 54.9300
Hunter-Lab	31.0963, 29.3619, 10.9860

Details

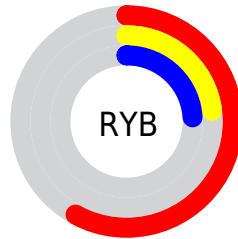
The XYZ color **14.5953, 9.6698, 5.6546** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **17.3695, 24.0932, 30.1225**, and the grayscale version is **8.7275, 9.1820, 9.9992**.

A 20% lighter version of the original color is **33.6826, 25.1632, 17.5497**, and **4.5508, 2.3475, 0.8751** is the 20% darker color. If you saturate the color by 10%, you get **13.6146, 8.2508, 3.6559**, and if you desaturate by 10%, it is **15.8920, 11.5592, 8.2572**.

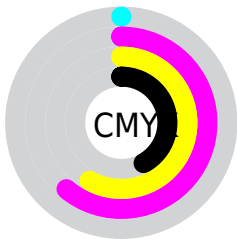
Distribution



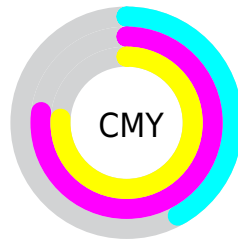
- Red (58%)
- Green (23%)
- Blue (24%)



- Red (58%)
- Yellow (23%)
- Blue (24%)



- Cyan (0%)
- Magenta (61%)
- Yellow (58%)
- Black (42%)





- Cyan (42%)
- Magenta (77%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.5953, 9.6698, 5.6546 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 14.5953, 9.6698, 5.6546 by changing the saturation by 10% instead.


 14.5953, 9.6698,
5.6546


 14.5953, 9.6698,
5.6546


214.3407,
188.2989, 165.1453


 8.6203, 5.1806,
2.5708


 33.7192, 25.1726,
17.6748


 4.5495, 2.3536,
0.8773


 47.5987, 36.9549,
27.4483


 2.0174, 0.8019,
0.0000

 64.8439, 51.9370,
40.2888

 0.6437, 0.0000,
0.0000

 85.8200, 70.5034,
56.6149

 0.0000, 0.0000,
0.0000

 110.8923, 93.0383,
76.8450

 140.4264,

119.9263, 101.3977

174.7874,
151.5517, 130.6917

■ 14.5953, 9.6698,
5.6546

■ 14.5953, 9.6698,
5.6546

■ 13.6146, 8.2508,
3.6559

■ 15.8920, 11.5592,
8.2572

■ 12.9223, 7.2596,
2.2120

■ 17.5278, 13.9538,
11.5064

■ 12.4870, 6.6484,
1.2671

■ 19.5246, 16.8867,
15.4417

■ 12.2487, 6.3103,
0.7611

■ 21.9021, 20.3880,
20.0993

■ 24.6787, 24.4854,
25.5127

■ 27.8715, 29.2049,
31.7136

■ 31.4967, 34.5709,
38.7316

■ 35.5696, 40.6065,
46.5948

■ 40.1048, 47.3336,
55.3303

Harmonies

Analogous

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



15.1694, 9.6698, 12.0590



14.5953, 9.6698, 5.6546



12.4653, 9.6698, 2.6273

Triad

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



14.5953, 9.6698, 5.6546



5.6808, 9.6698, 4.1415



8.6899, 9.6698, 32.3949

Complementary

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



14.5953, 9.6698, 5.6546



17.3695, 24.0932, 30.1225

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.



6.5468, 9.6698, 27.0988



14.5953, 9.6698, 5.6546



5.0346, 9.6698, 9.1338

Square

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



14.5953, 9.6698, 5.6546



7.2774, 9.6698, 2.0895



5.3185, 9.6698, 17.6157



11.4134, 9.6698, 29.9375

Rectangle

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



14.5953, 9.6698, 5.6546



10.6333, 9.6698, 1.8538



5.3185, 9.6698, 17.6157



7.8851, 9.6698, 31.4069

Sweetspot

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



14.5955, 9.6703, 5.6548



39.7782, 37.6444, 37.6769



18.2731, 11.0491, 29.1865



8.7978, 8.1765, 8.0487



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.



14.5955, 9.6703, 5.6548



23.5202, 13.8364, 5.4121



17.3914, 15.4312, 6.0656



5.8106, 5.8193, 6.1088



10.4652, 5.3911, 0.6645



0.1302, 0.0668, 0.0190

Inverse Universe

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



14.5955, 9.6703, 5.6548



23.5202, 13.8364, 5.4121



12.4007, 13.6582, 29.9996



5.8106, 5.8193, 6.1088



10.4652, 5.3911, 0.6645



0.1302, 0.0668, 0.0190

Previews

White Background



This preview shows how the XYZ color 14.5953, 9.6698, 5.6546 looks on a white background.

Color Contrast Check

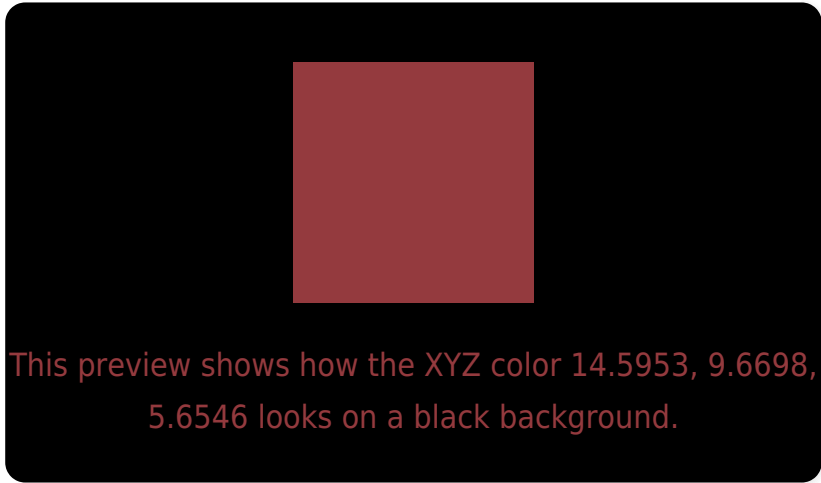
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

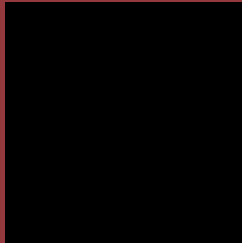
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5953, 9.6698, 5.6546

Background



This preview shows how black text looks on a background with the XYZ color 14.5953, 9.6698, 5.6546.



This preview shows how white text looks on a background with the XYZ color 14.5953, 9.6698,

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

14.5953, 9.6698, 5.6546

Protanopia

9.2739, 9.8146, 8.0622

Deuteranopia

9.9561, 9.8667, 5.3827



Tritanopia

14.5953, 9.6698, 5.6546

Trichromacy



Original Color

14.5953, 9.6698, 5.6546

Protanomaly

10.5694, 9.2607, 7.0248

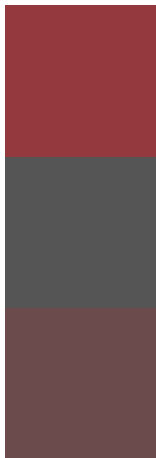
Deuteranomaly

11.1907, 9.4129, 5.3647

Tritanomaly

14.5953, 9.6698, 5.6546

Monochromacy



Original Color

14.5953, 9.6698, 5.6546

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

10.0400, 8.7561, 8.1821

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5953, 9.6698, 5.6546 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(148, 58, 62)` looks like.

```
.text, #text, p{  
    color:rgb(148, 58, 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(148, 58, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 58, 62) }
```

Border

The CSS property to change the border of an element to XYZ 14.5953, 9.6698, 5.6546 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(148, 58, 62) }
```


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

```
.border{ border-color:rgb(148, 58, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 58, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 58, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 58, 62);  
box-shadow:4px 4px 4px 4px rgb(148, 58,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5953, 9.6698, 5.6546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 58, 62) }
```

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

```
.background{ background-color: rgb(148, 58,  
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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