

Converting Colors

XYZ(14.4019, 9.4051, 6.0243)

Have a look what the booklet for
XYZ(14.4019, 9.4051, 6.0243)
contains.

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Color

**XYZ(14.4009, 9.4130,
6.0589)**

Conversions

Conversions Part 1

Format	Color
Hex	933841
RGB	147, 56, 65
RGB Percent	58%, 22%, 25%
CMY	0.4235, 0.7804, 0.7451
CMYK	0.00, 0.62, 0.56, 0.42
HSL	354°, 45%, 40%
HSV	354°, 62%, 58%
XYZ	14.4009, 9.4130, 6.0589
YIQ	84.2350, 51.3470, 22.0910

Conversions

Conversions Part 2

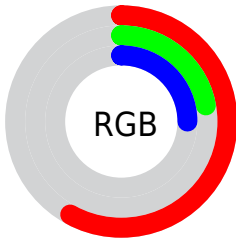
Format	Color
R_{YB}	147, 56, 65
Decimal	9648193
CIE _{Lab}	36.77, 39.11, 14.62
CIE _{LCh}	37, 41.753, 20.501
Yxy	9.4130, 0.4821, 0.3151
Android (android.graphics.Color)	4287838273 (0xFF933841)
YUV	84.2350, -9.4829, 55.0449
Hunter-Lab	30.6806, 30.0935, 9.7677

Details

The XYZ color **14.4009, 9.4130, 6.0589** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **16.6526, 23.5433, 27.7130**, and the grayscale version is **8.4873, 8.9293, 9.7240**.

A 20% lighter version of the original color is **33.4152, 24.6868, 18.6266**, and **4.4690, 2.2860, 1.0163** is the 20% darker color. If you saturate the color by 10%, you get **13.4504, 8.0558, 4.0658**, and if you desaturate by 10%, it is **15.6511, 11.2257, 8.5962**.

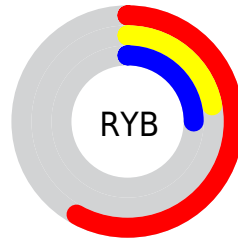
Distribution



Red (58%)

Green (22%)

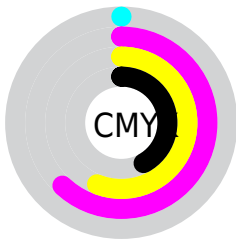
Blue (25%)



Red (58%)

Yellow (22%)

Blue (25%)

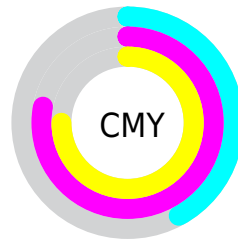


Cyan (0%)

Magenta (62%)

Yellow (56%)

Black (42%)



Cyan (42%)


Magenta (78%)

Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.4009, 9.4130, 6.0589 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 14.4009, 9.4130, 6.0589 by changing the saturation by 10% instead.

 14.4009, 9.4130,
6.0589


 14.4009, 9.4130,
6.0589


213.1718,
186.4297, 168.9200


 8.4836, 5.0115,
2.8116


 33.3790, 24.6854,
18.5328


 4.4603, 2.2540,
0.9992

 47.1706, 36.3251,
28.5964


 1.9657, 0.7492,
0.0000

 64.3176, 51.1464,
41.7693

 0.6146, 0.0000,
0.0000

 85.1854, 69.5336,
58.4698

 0.0000, 0.0000,
0.0000

 110.1394, 91.8711,
79.1166

 139.5449,

118.5434, 104.1282

173.7672,
149.9348, 133.9232

■ 14.4009, 9.4130,
6.0589

■ 14.4009, 9.4130,
6.0589

■ 13.4504, 8.0558,
4.0658

■ 15.6511, 11.2257,
8.5962

■ 12.7736, 7.1121,
2.5764

■ 17.2228, 13.5279,
11.7130

■ 12.3412, 6.5350,
1.5454

■ 19.1363, 16.3521,
15.4425

■ 12.1155, 6.2362,
0.9998

■ 21.4104, 19.7278,
19.8151

■ 24.0621, 23.6820,
24.8590

■ 27.1078, 28.2400,
30.6009

■ 30.5625, 33.4259,
37.0662

■ 34.4407, 39.2620,
44.2786

■ 38.7560, 45.7698,
52.2611

Harmonies

Analogous

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



14.7393, 9.4130, 12.7587



14.4009, 9.4130, 6.0589



12.4609, 9.4130, 2.7614

Triad

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



14.4009, 9.4130, 6.0589



5.6579, 9.4130, 3.6388



8.1580, 9.4130, 31.4168

Complementary

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



14.4009, 9.4130, 6.0589



16.6526, 23.5433, 27.7130

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.



6.1645, 9.4130, 25.4488



14.4009, 9.4130, 6.0589



4.9139, 9.4130, 8.0924

Square

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



14.4009, 9.4130, 6.0589



7.3297, 9.4130, 1.8994



5.0797, 9.4130, 16.0281



10.7857, 9.4130, 29.9622

Rectangle

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



14.4009, 9.4130, 6.0589



10.6942, 9.4130, 1.8721



5.0797, 9.4130, 16.0281



7.4009, 9.4130, 30.1351

Sweetspot

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



14.4011, 9.4135, 6.0591



39.4707, 37.0084, 37.6390



17.1456, 10.3302, 28.6939



8.7421, 8.0489, 8.0800



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.



14.4011, 9.4135, 6.0591



23.5950, 13.7335, 6.2154



16.6086, 14.2129, 5.6100



5.8227, 5.8242, 6.1726



10.5083, 5.4084, 0.8919



0.1332, 0.0680, 0.0351

Inverse Universe

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



14.4011, 9.4135, 6.0591



23.5950, 13.7335, 6.2154



12.5387, 14.2297, 29.6894



5.8227, 5.8242, 6.1726



10.5083, 5.4084, 0.8919



0.1332, 0.0680, 0.0351

Previews

White Background



This preview shows how the XYZ color 14.4009, 9.4130, 6.0589 looks on a white background.

Color Contrast Check

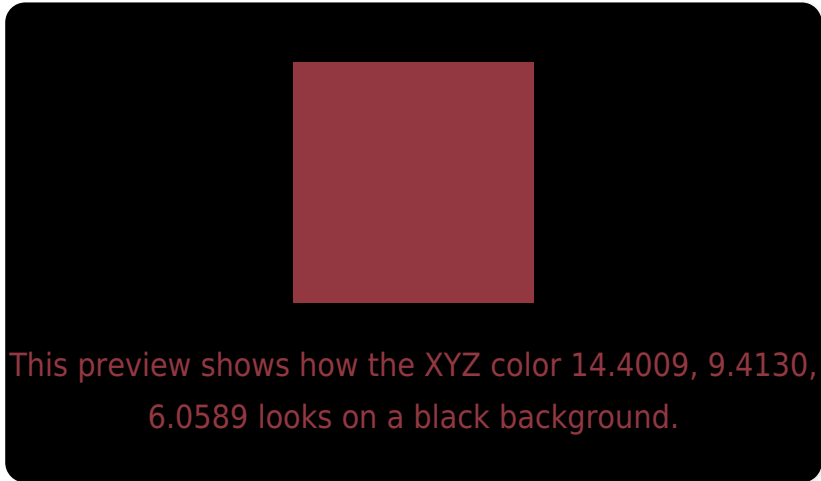
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4009, 9.4130, 6.0589

Background



This preview shows how black text looks on a background with the XYZ color 14.4009, 9.4130, 6.0589.



This preview shows how white text looks on a background with the XYZ color 14.4009, 9.4130,

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

14.4009, 9.4130, 6.0589

Protanopia

9.1705, 9.6197, 8.9629

Deuteranopia

9.7215, 9.6206, 5.7595



Tritanopia

14.3114, 9.4555, 5.3458

Trichromacy



Original Color

14.4009, 9.4130, 6.0589

Protanomaly

10.4100, 9.0564, 7.8560

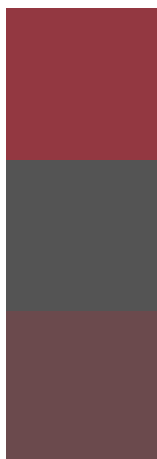
Deuteranomaly

11.0640, 9.2384, 5.7575

Tritanomaly

14.3653, 9.4771, 5.6296

Monochromacy



Original Color

14.4009, 9.4130, 6.0589

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

9.8517, 8.5592, 8.1540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4009, 9.4130, 6.0589 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, 56, 65)` looks like.

```
.text, #text, p{  
    color:rgb(147, 56, 65)  
}
```

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, 56, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 56, 65) }
```

Border

The CSS property to change the border of an element to XYZ 14.4009, 9.4130, 6.0589 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, 56, 65) }
```


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

```
.border{ border-color:rgb(147, 56, 65) }
```

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

Here you see how a box with a 4 pixel rgb(147, 56, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 56, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 56, 65);  
box-shadow:4px 4px 4px 4px rgb(147, 56,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4009, 9.4130, 6.0589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 56, 65) }
```

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

```
.background{ background-color: rgb(147, 56,  
65) }
```

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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