

Converting Colors

XYZ(14.6140, 8.7582, 5.0232)

Have a look what the booklet for
XYZ(14.6140, 8.7582, 5.0232)
contains.

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Color

**XYZ(14.6390, 8.7925,
5.0632)**

Conversions

Conversions Part 1

Format	Color
Hex	982C3B
RGB	152, 44, 59
RGB Percent	60%, 17%, 23%
CMY	0.4039, 0.8274, 0.7686
CMYK	0.00, 0.71, 0.61, 0.40
HSL	352°, 55%, 38%
HSV	352°, 71%, 60%
XYZ	14.6390, 8.7925, 5.0632
YIQ	78.0020, 59.5530, 27.5610

Conversions

Conversions Part 2

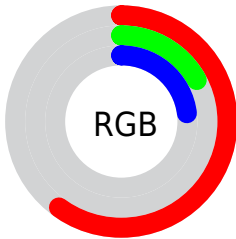
Format	Color
R_{YB}	152, 44, 59
Decimal	9972795
CIE _{Lab}	35.58, 45.68, 17.01
CIE _{LCh}	36, 48.747, 20.427
Yxy	8.7925, 0.5137, 0.3086
Android (android.graphics.Color)	4288162875 (0xFF982C3B)
YUV	78.0020, -9.3680, 64.8962
Hunter-Lab	29.6522, 36.2326, 10.6325

Details

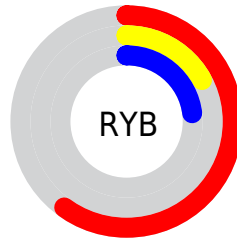
The XYZ color **14.6390, 8.7925, 5.0632** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **16.7830, 24.7984, 27.5713**, and the grayscale version is **7.2516, 7.6292, 8.3082**.

A 20% lighter version of the original color is **33.7402, 23.4389, 16.3815**, and **4.8205, 2.4734, 0.7537** is the 20% darker color. If you saturate the color by 10%, you get **13.8749, 7.7412, 3.3384**, and if you desaturate by 10%, it is **15.6961, 10.2936, 7.3059**.

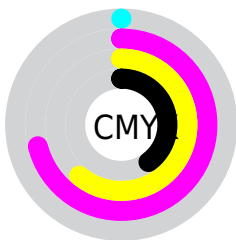
Distribution



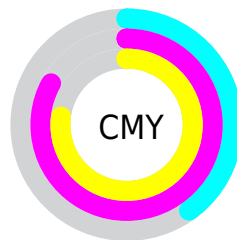
- Red (60%)
- Green (17%)
- Blue (23%)



- Red (60%)
- Yellow (17%)
- Blue (23%)



- Cyan (0%)
- Magenta (71%)
- Yellow (61%)
- Black (40%)




- Cyan (40%)
- Magenta (83%)
- Yellow (77%)
- Black (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.6390, 8.7925, 5.0632 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 14.6390, 8.7925, 5.0632 by changing the saturation by 10% instead.


 14.6390, 8.7925,
5.0632


 14.6390, 8.7925,
5.0632


214.6026,
181.8223, 159.3969


 8.6511, 4.6061,
2.2250


 33.7955, 23.4980,
16.3958


 4.5696, 2.0180,
0.6887

 47.6948, 34.7860,
25.7273


 2.0291, 0.6179,
0.0000

 64.9619, 49.2098,
38.0603

 0.6503, 0.0000,
0.0000

 85.9623, 67.1540,
53.8134

 0.0000, 0.0000,
0.0000

 111.0612, 89.0030,
73.4050

 140.6239,

115.1411, 97.2538

175.0160,
145.9527, 125.7782

■ 14.6390, 8.7925,
5.0632

■ 14.6390, 8.7925,
5.0632

■ 13.8749, 7.7412,
3.3384

■ 15.6961, 10.2936,
7.3059

■ 13.3727, 7.0878,
2.0890

■ 17.0717, 12.2861,
10.1034

■ 13.0852, 6.7299,
1.3238

■ 18.7893, 14.8084,
13.4900

■ 20.8698, 17.8948,
17.4968

■ 23.3326, 21.5765,
22.1527

■ 26.1957, 25.8826,
27.4849

■ 29.4759, 30.8403,
33.5191

■ 33.1890, 36.4751,
40.2794

■ 37.3500, 42.8111,
47.7890

Harmonies

Analogous

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



15.0336, 8.7925, 12.4373



14.6390, 8.7925, 5.0632



12.3707, 8.7925, 1.8438

Triad

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



14.6390, 8.7925, 5.0632



4.7957, 8.7925, 2.6390



7.4758, 8.7925, 34.9986

Complementary

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



14.6390, 8.7925, 5.0632



16.7830, 24.7984, 27.5713

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.



5.3216, 8.7925, 27.5570



14.6390, 8.7925, 5.0632



4.0241, 8.7925, 7.1870

Square

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



14.6390, 8.7925, 5.0632



6.5816, 8.7925, 1.1013



4.1917, 8.7925, 16.1861



10.4261, 8.7925, 33.2012

Rectangle

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



14.6390, 8.7925, 5.0632



10.3370, 8.7925, 1.0824



4.1917, 8.7925, 16.1861



6.6475, 8.7925, 33.3855

Sweetspot

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



14.6392, 8.7930, 5.0633



41.0159, 37.8319, 38.7854



16.6894, 9.2864, 30.6185



9.0596, 8.2051, 8.3214



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.6392, 8.7930, 5.0633



23.9406, 12.9374, 4.5584



16.4062, 12.8624, 4.0015



6.2420, 6.2360, 6.6545



10.9790, 5.6458, 1.1485



0.1720, 0.0876, 0.0587

Inverse Universe

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



14.6392, 8.7930, 5.0633



23.9406, 12.9374, 4.5584



12.7466, 14.8829, 31.9066



6.2420, 6.2360, 6.6545



10.9790, 5.6458, 1.1485



0.1720, 0.0876, 0.0587

Previews

White Background



This preview shows how the XYZ color 14.6390, 8.7925, 5.0632 looks on a white background.

Color Contrast Check

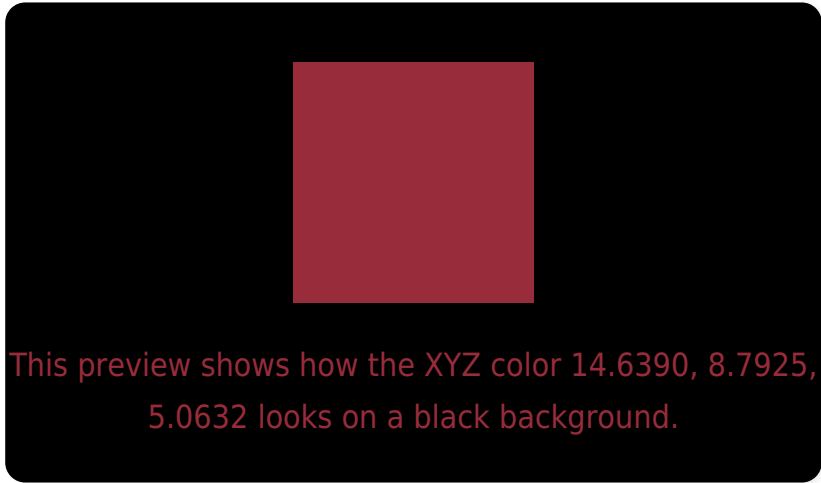
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6390, 8.7925, 5.0632

Background



This preview shows how black text looks on a background with the XYZ color 14.6390, 8.7925, 5.0632.



This preview shows how white text looks on a background with the XYZ color 14.6390, 8.7925,

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

14.6390, 8.7925, 5.0632

Protanopia

8.6126, 9.1075, 8.3252

Deuteranopia

9.0878, 8.9760, 4.7436



Tritanopia

14.4594, 8.8428, 3.7410

Trichromacy



Original Color

14.6390, 8.7925, 5.0632

Protanomaly

9.8512, 8.2020, 6.8583

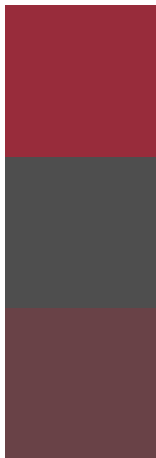
Deuteranomaly

10.5267, 8.4128, 4.8104

Tritanomaly

14.5071, 8.8001, 4.1828

Monochromacy



Original Color

14.6390, 8.7925, 5.0632

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

8.9112, 7.3546, 6.9111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6390, 8.7925, 5.0632 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(152, 44, 59)` looks like.

```
.text, #text, p{  
    color:rgb(152, 44, 59)  
}
```

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(152, 44, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 44, 59) }
```

Border

The CSS property to change the border of an element to XYZ 14.6390, 8.7925, 5.0632 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(152, 44, 59) }
```


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

```
.border{ border-color:rgb(152, 44, 59) }
```

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

Here you see how a box with a 4 pixel rgb(152, 44, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 44, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 44, 59);  
box-shadow:4px 4px 4px 4px rgb(152, 44,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6390, 8.7925, 5.0632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 44, 59) }
```

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

```
.background{ background-color: rgb(152, 44,  
59) }
```

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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