

Converting Colors

XYZ(14.7078, 8.4984, 2.5890)

Have a look what the booklet for
XYZ(14.7078, 8.4984, 2.5890)
contains.

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Color

**XYZ(14.6751, 8.4632,
2.6104)**

Conversions

Conversions Part 1

Format	Color
Hex	9C2425
RGB	156, 36, 37
RGB Percent	61%, 14%, 15%
CMY	0.3882, 0.8588, 0.8549
CMYK	0.00, 0.77, 0.76, 0.39
HSL	360°, 62%, 38%
HSV	360°, 77%, 61%
XYZ	14.6751, 8.4632, 2.6104
YIQ	71.9940, 71.1990, 25.7510

Conversions

Conversions Part 2

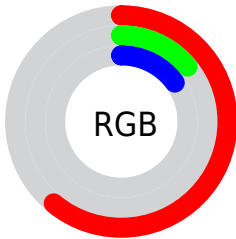
Format	Color
R _Y B	156, 36, 37
Decimal	10232869
CIE Lab	34.93, 48.71, 30.14
CIE LCh	35, 57.283, 31.746
Yxy	8.4632, 0.5699, 0.3287
Android (android.graphics.Color)	4288422949 (0xFF9C2425)
YUV	71.9940, -17.2520, 73.6733
Hunter-Lab	29.0916, 39.1332, 15.0440

Details

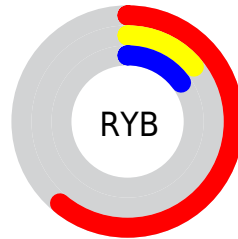
The XYZ color **14.6751, 8.4632, 2.6104** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.5332, 26.5188, 35.1552**, and the grayscale version is **6.1793, 6.5011, 7.0797**.

A 20% lighter version of the original color is **33.8793, 22.8431, 10.6062**, and **4.9298, 2.5414, 0.2307** is the 20% darker color. If you saturate the color by 10%, you get **14.1080, 7.6389, 1.4664**, and if you desaturate by 10%, it is **15.5513, 9.7412, 4.3654**.

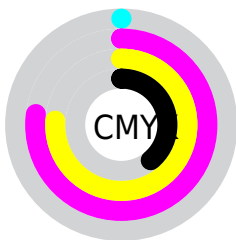
Distribution



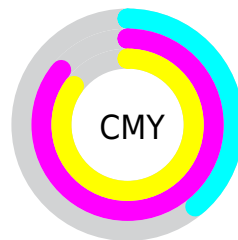
- Red (61%)
- Green (14%)
- Blue (15%)



- Red (61%)
- Yellow (14%)
- Blue (15%)



- Cyan (0%)
- Magenta (77%)
- Yellow (76%)
- Black (39%)





- Cyan (39%)
- Magenta (86%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.6751, 8.4632, 2.6104 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 14.6751, 8.4632, 2.6104 by changing the saturation by 10% instead.


 14.6751, 8.4632,
2.6104


 14.6751, 8.4632,
2.6104


214.8188,
179.3213, 131.2324


 8.6765, 4.3927,
0.8978


 33.8585, 22.8616,
10.6509


 4.5862, 1.8956,
0.0000

 47.7741, 33.9584,
17.8174


 2.0388, 0.5457,
0.0000

 65.0594, 48.1660,
27.6395

 0.6556, 0.0000,
0.0000

 86.0797, 65.8689,
40.5357

 0.0000, 0.0000,
0.0000

 111.2005, 87.4515,
56.9246

 140.7870,

113.2982, 77.2246

175.2046,
143.7933, 101.8544

14.6751, 8.4632,
2.6104

14.6751, 8.4632,
2.6104

14.1080, 7.6389,
1.4664

15.5513, 9.7412,
4.3654

13.7956, 7.1855,
0.8338

16.7714, 11.5236,
6.8000

13.7173, 7.0707,
0.6789

18.3662, 13.8560,
9.9741

20.3628, 16.7785,
13.9408

22.7860, 20.3273,
18.7485

■ 25.6584, 24.5361,
24.4416

■ 29.0012, 29.4358,
31.0616

■ 32.8341, 35.0556,
38.6470

■ 37.1758, 41.4228,
47.2345

Harmonies

Analogous

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



16.1225, 8.4632, 8.6762



14.6751, 8.4632, 2.6104



11.4083, 8.4632, 0.6827

Triad

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



14.6751, 8.4632, 2.6104



3.6745, 8.4632, 3.0429



8.2375, 8.4632, 41.5495

Complementary

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



14.6751, 8.4632, 2.6104



18.5332, 26.5188, 35.1552

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.



5.4162, 8.4632, 35.9777



14.6751, 8.4632, 2.6104



3.2488, 8.4632, 9.7756

Square

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



14.6751, 8.4632, 2.6104



5.1648, 8.4632, 0.8048



3.7895, 8.4632, 22.3336



11.8330, 8.4632, 34.6321

Rectangle

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



14.6751, 8.4632, 2.6104



8.9823, 8.4632, 0.2470



3.7895, 8.4632, 22.3336



7.1735, 8.4632, 41.0644

Sweetspot

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



14.6753, 8.4637, 2.6105



43.0982, 39.4287, 37.4472



19.9582, 10.5325, 32.4334



9.1162, 8.1380, 7.5118



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



14.6753, 8.4637, 2.6105



25.2000, 13.2608, 1.7982



18.0318, 15.2014, 3.6535



6.6352, 6.6470, 6.9300



11.2996, 5.8244, 0.5626



0.2026, 0.1044, 0.0131

Inverse Universe

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



14.6753, 8.4637, 2.6105



25.2000, 13.2608, 1.7982



11.0966, 11.5116, 33.0894



6.6352, 6.6470, 6.9300



11.2996, 5.8244, 0.5626



0.2026, 0.1044, 0.0131

Previews

White Background



This preview shows how the XYZ color 14.6751, 8.4632, 2.6104 looks on a white background.

Color Contrast Check

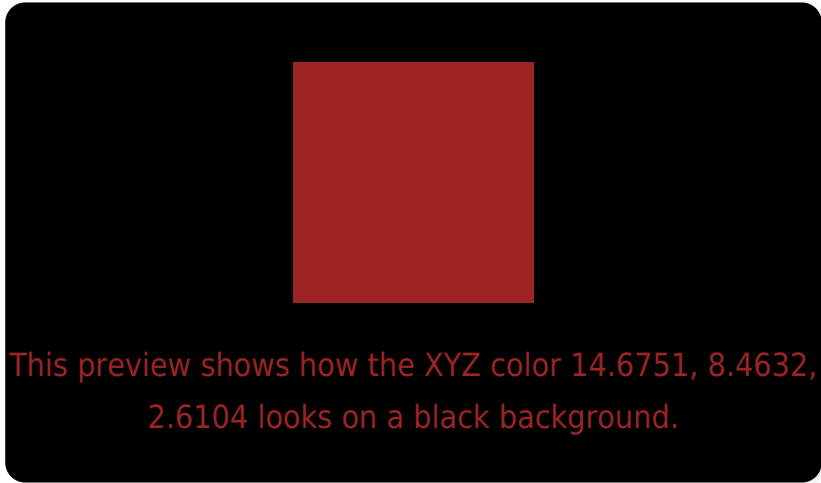
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6751, 8.4632, 2.6104

Background



This preview shows how black text looks on a background with the XYZ color 14.6751, 8.4632, 2.6104.

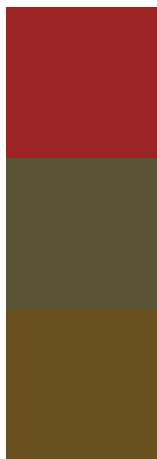


This preview shows how white text looks on a background with the XYZ color 14.6751, 8.4632,

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

14.6751, 8.4632, 2.6104

Protanopia

8.1045, 8.8127, 4.5227

Deuteranopia

8.7267, 8.6237, 2.3670



Tritanopia

14.6751, 8.4632, 2.6104

Trichromacy



Original Color

14.6751, 8.4632, 2.6104

Protanomaly

9.5905, 7.8644, 3.7018

Deuteranomaly

10.2066, 7.8703, 2.3477

Tritanomaly

14.6751, 8.4632, 2.6104

Monochromacy



Original Color

14.6751, 8.4632, 2.6104

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

7.9469, 6.3273, 4.9401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6751, 8.4632, 2.6104 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(156, 36, 37)` looks like.

```
.text, #text, p{  
    color:rgb(156, 36, 37)  
}
```

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(156, 36, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 36, 37) }
```

Border

The CSS property to change the border of an element to XYZ 14.6751, 8.4632, 2.6104 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(156, 36, 37) }
```


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

```
.border{ border-color:rgb(156, 36, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 36, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 36, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 36, 37);  
box-shadow:4px 4px 4px 4px rgb(156, 36,  
37) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6751, 8.4632, 2.6104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 36, 37) }
```

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

```
.background{ background-color: rgb(156, 36,  
37) }
```

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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