

Converting Colors

XYZ(14.9257, 10.6515, 5.0299)

Have a look what the booklet for
XYZ(14.9257, 10.6515, 5.0299)
contains.

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Color

**XYZ(14.9937, 10.7157,
5.0195)**

Conversions

Conversions Part 1

Format	Color
Hex	944438
RGB	148, 68, 56
RGB Percent	58%, 27%, 22%
CMY	0.4196, 0.7333, 0.7804
CMYK	0.00, 0.54, 0.62, 0.42
HSL	8°, 45%, 40%
HSV	8°, 62%, 58%
XYZ	14.9937, 10.7157, 5.0195
YIQ	90.5520, 51.5320, 13.2280

Conversions

Conversions Part 2

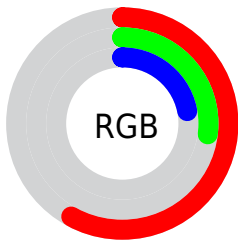
Format	Color
R_{YB}	148, 70, 56
Decimal	9716792
CIE Lab	39.10, 32.67, 23.28
CIE LCh	39, 40.121, 35.472
Yxy	10.7157, 0.4879, 0.3487
Android (android.graphics.Color)	4287906872 (0xFF944438)
YUV	90.5520, -17.0341, 50.3819
Hunter-Lab	32.7348, 24.4732, 13.8230

Details

The XYZ color **14.9937, 10.7157, 5.0195** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **15.7797, 20.5859, 31.1586**, and the grayscale version is **9.8719, 10.3860, 11.3104**.

A 20% lighter version of the original color is **34.3802, 27.0580, 16.2426**, and **4.7192, 2.7701, 0.6667** is the 20% darker color. If you saturate the color by 10%, you get **13.9891, 9.2027, 3.1553**, and if you desaturate by 10%, it is **16.2767, 12.6144, 7.5047**.

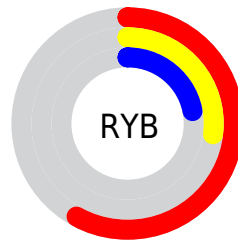
Distribution



Red (58%)

Green (27%)

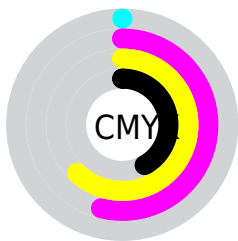
Blue (22%)



Red (58%)

Yellow (27%)

Blue (22%)

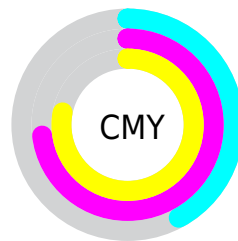


Cyan (0%)

Magenta (54%)

Yellow (62%)

Black (42%)



Cyan (42%)

Magenta (73%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9937, 10.7157, 5.0195 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 14.9937, 10.7157, 5.0195 by changing the saturation by 10% instead.

■ 14.9937, 10.7157,
5.0195

■ 14.9937, 10.7157,
5.0195

216.7172,
195.7066, 158.9603

■ 8.9013, 5.8760,
2.1998

■ 34.4139, 27.1332,
16.3001

■ 4.7334, 2.7698,
0.6742

■ 48.4723, 39.4799,
25.5980

■ 2.1249, 1.0128,
0.0000

■ 65.9168, 55.0976,
37.8924

■ 0.7027, 0.0000,
0.0000

■ 87.1127, 74.3708,
53.6018

■ 0.0000, 0.0000,
0.0000

■ 112.4253, 97.6839,
73.1447

■ 142.2200,

125.4213, 96.9398

176.8622,
157.9674, 125.4055

■ 14.9937, 10.7157,
5.0195

■ 14.9937, 10.7157,
5.0195

■ 13.9891, 9.2027,
3.1553

■ 16.2767, 12.6144,
7.5047

■ 13.2411, 8.0472,
1.8563

■ 17.8562, 14.9211,
10.6590

■ 12.7258, 7.2198,
1.0580

■ 19.7497, 17.6584,
14.5261

■ 12.4509, 6.7722,
0.6509

■ 21.9729, 20.8466,
19.1460

■ 24.5407, 24.5050,
24.5559

■ 27.4669, 28.6516,
30.7903

■ 30.7647, 33.3034,
37.8816

■ 34.4464, 38.4767,
45.8608

■ 38.5239, 44.1869,
54.7569

Harmonies

Analogous

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



16.2359, 10.7157, 10.3138



14.9937, 10.7157, 5.0195



12.4816, 10.7157, 2.7241

Triad

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



14.9937, 10.7157, 5.0195



6.1736, 10.7157, 6.5437



10.6852, 10.7157, 33.4375

Complementary

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



14.9937, 10.7157, 5.0195



15.7797, 20.5859, 31.1586

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.



8.1888, 10.7157, 30.9465



14.9937, 10.7157, 5.0195



5.8622, 10.7157, 13.1350

Square

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



14.9937, 10.7157, 5.0195



7.4735, 10.7157, 3.2944



6.5330, 10.7157, 22.5209



13.4837, 10.7157, 28.3229

Rectangle

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



14.9937, 10.7157, 5.0195



10.5979, 10.7157, 2.2644



6.5330, 10.7157, 22.5209



9.7829, 10.7157, 33.4804

Sweetspot

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



14.9940, 10.7163, 5.0197



39.9687, 38.4942, 36.2954



18.1614, 10.9381, 24.9213



8.8664, 8.4196, 7.7452



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.



14.9940, 10.7163, 5.0197



24.0577, 15.2791, 4.4573



18.8020, 18.3323, 6.2890



5.8582, 5.9302, 6.0763



10.6474, 5.8093, 0.5601



0.1421, 0.0947, 0.0108

Inverse Universe

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



15.7797, 20.5859, 31.1586



25.4960, 34.1051, 54.6738



10.7402, 10.5068, 29.4788



5.9003, 6.4345, 7.4007



11.2501, 15.1950, 26.2710



0.1521, 0.2149, 0.3264

Previews

White Background



This preview shows how the XYZ color 14.9937, 10.7157, 5.0195 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 14.9937, 10.7157, 5.0195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

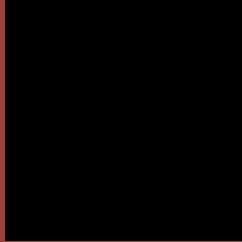
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.9937, 10.7157, 5.0195

Background



This preview shows how black text looks on a background with the XYZ color 14.9937, 10.7157, 5.0195.



This preview shows how white text looks on a background with the XYZ color 14.9937, 10.7157,

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

14.9937, 10.7157, 5.0195

Protanopia

10.1532, 10.9314, 6.7291

Deuteranopia

10.9196, 10.7381, 4.7459



Tritanopia

15.4481, 10.7282, 7.0509

Trichromacy



Original Color

14.9937, 10.7157, 5.0195

Protanomaly

11.3759, 10.4704, 5.9788

Deuteranomaly

12.1892, 10.5775, 4.7674

Tritanomaly

15.3557, 10.7855, 6.2735

Monochromacy



Original Color

14.9937, 10.7157, 5.0195

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.1505, 10.1813, 8.5852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9937, 10.7157, 5.0195 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, 68, 56)` looks like.

```
.text, #text, p{  
    color:rgb(148, 68, 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(148, 68, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 68, 56) }
```

Border

The CSS property to change the border of an element to XYZ 14.9937, 10.7157, 5.0195 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, 68, 56) }
```


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

```
.border{ border-color:rgb(148, 68, 56) }
```

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

Here you see how a box with a 4 pixel rgb(148, 68, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 68, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 68, 56);  
box-shadow:4px 4px 4px 4px rgb(148, 68,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9937, 10.7157, 5.0195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 68, 56) }
```

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

```
.background{ background-color: rgb(148, 68,  
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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