

Converting Colors

XYZ(14.7221, 10.8394, 7.3450)

Have a look what the booklet for
XYZ(14.7221, 10.8394, 7.3450)
contains.

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Color

**XYZ(14.7183, 10.8010,
7.2703)**

Conversions

Conversions Part 1

Format	Color
Hex	8F4747
RGB	143, 71, 71
RGB Percent	56%, 28%, 28%
CMY	0.4392, 0.7216, 0.7216
CMYK	0.00, 0.50, 0.50, 0.44
HSL	0°, 34%, 42%
HSV	0°, 50%, 56%
XYZ	14.7183, 10.8010, 7.2703
YIQ	92.5280, 42.9120, 15.2640

Conversions

Conversions Part 2

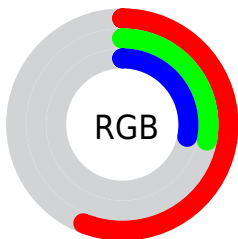
Format	Color
R_{YB}	143, 71, 71
Decimal	9389895
CIE Lab	39.24, 30.38, 14.11
CIE LCh	39, 33.498, 24.909
Yxy	10.8010, 0.4489, 0.3294
Android (android.graphics.Color)	4287579975 (0xFF8F4747)
YUV	92.5280, -10.6133, 44.2639
Hunter-Lab	32.8649, 22.4264, 9.8894

Details

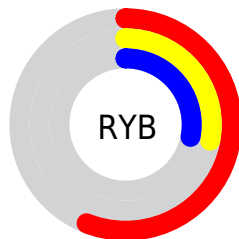
The XYZ color **14.7183, 10.8010, 7.2703** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **17.3786, 22.9669, 29.5038**, and the grayscale version is **10.3118, 10.8488, 11.8144**.

A 20% lighter version of the original color is **33.9866, 27.2860, 20.9282**, and **4.6358, 2.8205, 1.3987** is the 20% darker color. If you saturate the color by 10%, you get **13.5074, 9.0292, 4.8627**, and if you desaturate by 10%, it is **16.2518, 13.0452, 10.3185**.

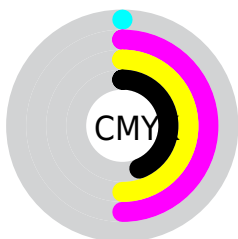
Distribution



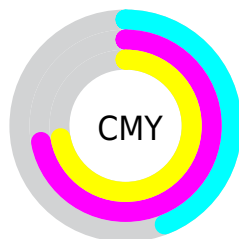
- Red (56%)
- Green (28%)
- Blue (28%)



- Red (56%)
- Yellow (28%)
- Blue (28%)



- Cyan (0%)
- Magenta (50%)
- Yellow (50%)
- Black (44%)



- Cyan (44%)
- Magenta (72%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7183, 10.8010, 7.2703 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 14.7183, 10.8010, 7.2703 by changing the saturation by 10% instead.

■ 14.7183, 10.8010,
7.2703

■ 14.7183, 10.8010,
7.2703

215.0771,
196.2972, 179.6064

■ 8.7069, 5.9332,
3.5507

■ 33.9340, 27.2916,
21.0370

■ 4.6061, 2.8045,
1.3823

■ 47.8690, 39.6832,
31.9212

■ 2.0504, 1.0305,
0.1278

■ 65.1759, 55.3514,
46.0307

■ 0.6620, 0.0000,
0.0000

■ 86.2202, 74.6808,
63.7840

■ 0.0000, 0.0000,
0.0000

■ 111.3671, 98.0557,
85.5997

140.9819,

125.8604, 111.8963

175.4302,
158.4794, 143.0924

■ 14.7183, 10.8010,
7.2703

■ 14.7183, 10.8010,
7.2703

■ 13.5074, 9.0292,
4.8627

■ 16.2518, 13.0452,
10.3185

■ 12.5953, 7.6945,
3.0496

■ 18.1279, 15.7903,
14.0479

■ 11.9563, 6.7595,
1.7795

■ 20.3656, 19.0648,
18.4965

■ 11.5601, 6.1797,
0.9919

■ 22.9827, 22.8944,
23.6992

■ 11.3278, 5.8398,
0.5302

■ 25.9956, 27.3031,
29.6887

■ 29.4197, 32.3136,
36.4957

■ 33.2698, 37.9472,
44.1495

■ 37.5596, 44.2245,
52.6777

■ 42.3026, 51.1648,
62.1067

Harmonies

Analogous

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



15.2145, 10.8010, 12.8963



14.7183, 10.8010, 7.2703



12.9636, 10.8010, 4.2490

Triad

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



14.7183, 10.8010, 7.2703



7.1133, 10.8010, 5.9722



9.8863, 10.8010, 28.9548

Complementary

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



14.7183, 10.8010, 7.2703



17.3786, 22.9669, 29.5038

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.



7.9713, 10.8010, 25.1153



14.7183, 10.8010, 7.2703



6.5270, 10.8010, 10.6933

Square

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



14.7183, 10.8010, 7.2703



8.5472, 10.8010, 3.7146



6.8165, 10.8010, 17.7988



12.2011, 10.8010, 26.9859

Rectangle

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



14.7183, 10.8010, 7.2703



11.4359, 10.8010, 3.3878



6.8165, 10.8010, 17.7988



9.1788, 10.8010, 28.2693

Sweetspot

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



14.7186, 10.8016, 7.2705



38.7432, 37.4662, 37.6402



18.5390, 12.3294, 27.3894



8.6843, 8.2986, 8.2334



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.7186, 10.8016, 7.2705



24.0177, 15.9184, 8.3668



17.7228, 16.8101, 8.2719



5.4089, 5.4241, 5.6512



10.0159, 5.1635, 0.4688



0.0958, 0.0494, 0.0045

Inverse Universe

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



17.3786, 22.9669, 29.5038



29.3280, 40.2047, 52.7526



12.8143, 13.8383, 27.9824



5.5603, 6.1163, 6.9163



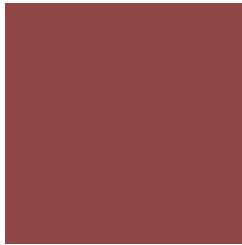
13.0678, 19.1217, 25.9792



0.1249, 0.1828, 0.2484

Previews

White Background



This preview shows how the XYZ color 14.7183, 10.8010, 7.2703 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 14.7183, 10.8010, 7.2703 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 14.7183, 10.8010, 7.2703

Background



This preview shows how black text looks on a background with the XYZ color 14.7183, 10.8010, 7.2703.



This preview shows how white text looks on a background with the XYZ color 14.7183, 10.8010,

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

14.7183, 10.8010, 7.2703

Protanopia

10.3293, 10.9642, 9.3565

Deuteranopia

11.0462, 10.8771, 6.9861



Tritanopia

14.7879, 10.7280, 7.9479

Trichromacy



Original Color

14.7183, 10.8010, 7.2703

Protanomaly

11.5275, 10.6102, 8.4616

Deuteranomaly

12.1175, 10.6018, 7.0379

Tritanomaly

14.7539, 10.7144, 7.7690

Monochromacy



Original Color

14.7183, 10.8010, 7.2703

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

11.4437, 10.5324, 10.0241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7183, 10.8010, 7.2703 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(143, 71, 71)` looks like.

```
.text, #text, p{  
    color:rgb(143, 71, 71)  
}
```

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(143, 71, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 71, 71) }
```

Border

The CSS property to change the border of an element to XYZ 14.7183, 10.8010, 7.2703 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(143, 71, 71) }
```


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

```
.border{ border-color:rgb(143, 71, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 71, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 71, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 71, 71);  
box-shadow:4px 4px 4px 4px rgb(143, 71,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7183, 10.8010, 7.2703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 71, 71) }
```

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

```
.background{ background-color: rgb(143, 71,  
71) }
```

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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