

Converting Colors

XYZ(14.3470, 10.6006, 8.2090)

Have a look what the booklet for
XYZ(14.3470, 10.6006, 8.2090)
contains.

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Color

**XYZ(14.3730, 10.6037,
8.1267)**

Conversions

Conversions Part 1

Format	Color
Hex	8C474C
RGB	140, 71, 76
RGB Percent	55%, 28%, 30%
CMY	0.4510, 0.7216, 0.7020
CMYK	0.00, 0.49, 0.46, 0.45
HSL	356°, 33%, 41%
HSV	356°, 49%, 55%
XYZ	14.3730, 10.6037, 8.1267
YIQ	92.2010, 39.5190, 16.1830

Conversions

Conversions Part 2

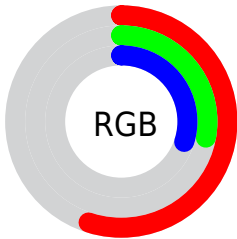
Format	Color
R_{YB}	140, 71, 76
Decimal	9193292
CIE Lab	38.90, 29.72, 10.46
CIE LCh	39, 31.510, 19.381
Yxy	10.6037, 0.4342, 0.3203
Android (android.graphics.Color)	4287383372 (0xFF8C474C)
YUV	92.2010, -7.9871, 41.9197
Hunter-Lab	32.5633, 21.8016, 7.9976

Details

The XYZ color **14.3730, 10.6037, 8.1267** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **16.3503, 21.8453, 26.2777**, and the grayscale version is **10.2308, 10.7636, 11.7215**.

A 20% lighter version of the original color is **33.3040, 26.8912, 22.8372**, and **4.4049, 2.6955, 1.6546** is the 20% darker color. If you saturate the color by 10%, you get **13.1762, 8.8611, 5.7207**, and if you desaturate by 10%, it is **15.8667, 12.7941, 11.0816**.

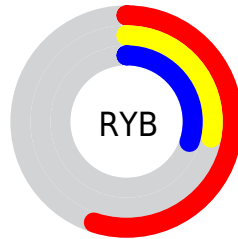
Distribution



Red (55%)

Green (28%)

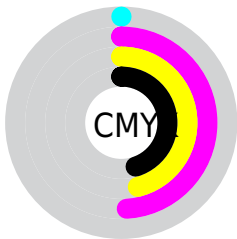
Blue (30%)



Red (55%)

Yellow (28%)

Blue (30%)

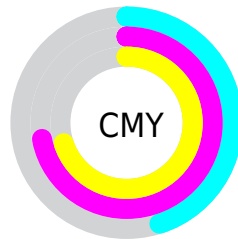


Cyan (0%)

Magenta (49%)

Yellow (46%)

Black (45%)



Cyan (45%)

Magenta (72%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3730, 10.6037, 8.1267 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 14.3730, 10.6037, 8.1267 by changing the saturation by 10% instead.

■ 14.3730, 10.6037,
8.1267

■ 14.3730, 10.6037,
8.1267

213.0036,
194.9281, 186.6940

■ 8.4640, 5.8010,
4.0872

■ 33.3302, 26.9250,
22.7567

■ 4.4475, 2.7245,
1.6733

■ 47.1090, 39.2124,
34.1843

■ 1.9583, 0.9896,
0.3423

■ 64.2419, 54.7635,
48.9117

■ 0.6104, 0.0000,
0.0000

■ 85.0941, 73.9626,
67.3573

■ 0.0000, 0.0000,
0.0000

■ 110.0310, 97.1943,
89.9399

139.4180,

124.8428, 117.0778

173.6204,
157.2926, 149.1897

■ 14.3730, 10.6037,
8.1267

■ 14.3730, 10.6037,
8.1267

■ 13.1762, 8.8611,
5.7207

■ 15.8667, 12.7941,
11.0816

■ 12.2556, 7.5340,
3.8291

■ 17.6744, 15.4587,
14.6156

■ 11.5893, 6.5882,
2.4146


■ 19.8130, 18.6235,
18.7577


■ 11.1516, 5.9834,
1.4344


■ 22.2978, 22.3123,
23.5346

■ 10.8870, 5.6216,
0.8300


■ 25.1433, 26.5474,
28.9715

 10.8708, 5.5977,
0.7987

 28.3631, 31.3498,
35.0920

 31.9701, 36.7393,
41.9188

 35.9765, 42.7349,
49.4735

 40.3942, 49.3545,
57.7767

Harmonies

Analogous

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



14.5756, 10.6037, 13.8032



14.3730, 10.6037, 8.1267



12.9331, 10.6037, 4.8192

Triad

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



14.3730, 10.6037, 8.1267



7.3212, 10.6037, 5.5488



9.3547, 10.6037, 26.9891

Complementary

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



14.3730, 10.6037, 8.1267



16.3503, 21.8453, 26.2777

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.



7.6783, 10.6037, 22.6943



14.3730, 10.6037, 8.1267



6.6170, 10.6037, 9.5487

Square

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



14.3730, 10.6037, 8.1267



8.8007, 10.6037, 3.7273



6.7379, 10.6037, 15.8098



11.4743, 10.6037, 26.1940

Rectangle

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



14.3730, 10.6037, 8.1267



11.5637, 10.6037, 3.7675



6.7379, 10.6037, 15.8098



8.7263, 10.6037, 26.0472

Sweetspot

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



14.3733, 10.6042, 8.1269



36.5945, 35.3011, 36.2751



16.8586, 11.4894, 26.1402



8.2495, 7.8631, 8.0069



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.3733, 10.6042, 8.1269



23.0537, 15.3669, 9.7271



16.4862, 15.0974, 8.0070



5.0466, 5.0541, 5.3340



9.6624, 4.9751, 0.7268



0.0659, 0.0337, 0.0136

Inverse Universe

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



14.3733, 10.6042, 8.1269



23.0537, 15.3669, 9.7271



13.0444, 14.6571, 26.9526



5.0466, 5.0541, 5.3340



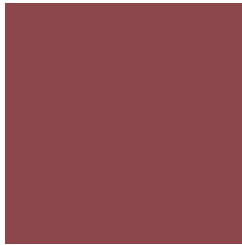
9.6624, 4.9751, 0.7268



0.0659, 0.0337, 0.0136

Previews

White Background



This preview shows how the XYZ color 14.3730, 10.6037, 8.1267 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 14.3730, 10.6037, 8.1267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

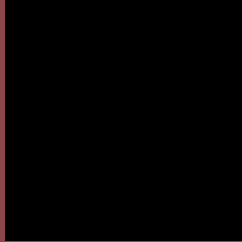
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3730, 10.6037, 8.1267

Background



This preview shows how black text looks on a background with the XYZ color 14.3730, 10.6037, 8.1267.



This preview shows how white text looks on a background with the XYZ color 14.3730, 10.6037,

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

14.3730, 10.6037, 8.1267

Protanopia

10.2668, 10.7753, 10.5556

Deuteranopia

10.9593, 10.8139, 7.8130



Tritanopia

14.3730, 10.6037, 8.1267

Trichromacy



Original Color

14.3730, 10.6037, 8.1267

Protanomaly

11.2872, 10.3447, 9.5854

Deuteranomaly

11.9991, 10.5221, 7.8771

Tritanomaly

14.3730, 10.6037, 8.1267

Monochromacy



Original Color

14.3730, 10.6037, 8.1267

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

11.1567, 10.2637, 10.1972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3730, 10.6037, 8.1267 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(140, 71, 76)` looks like.

```
.text, #text, p{  
    color:rgb(140, 71, 76)  
}
```

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(140, 71, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 71, 76) }
```

Border

The CSS property to change the border of an element to XYZ 14.3730, 10.6037, 8.1267 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(140, 71, 76) }
```


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

```
.border{ border-color:rgb(140, 71, 76) }
```

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

Here you see how a box with a 4 pixel rgb(140, 71, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 71, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 71, 76);  
box-shadow:4px 4px 4px 4px rgb(140, 71,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3730, 10.6037, 8.1267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 71, 76) }
```

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

```
.background{ background-color: rgb(140, 71,  
76) }
```

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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