

Converting Colors

XYZ(14.6976, 10.0098, 6.2939)

Have a look what the booklet for
XYZ(14.6976, 10.0098, 6.2939)
contains.

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Color

**XYZ(14.7386, 10.0416,
6.3157)**

Conversions

Conversions Part 1

Format	Color
Hex	933E42
RGB	147, 62, 66
RGB Percent	58%, 24%, 26%
CMY	0.4235, 0.7568, 0.7412
CMYK	0.00, 0.58, 0.55, 0.42
HSL	357°, 41%, 41%
HSV	357°, 58%, 58%
XYZ	14.7386, 10.0416, 6.3157
YIQ	87.8710, 49.3760, 19.2640

Conversions

Conversions Part 2

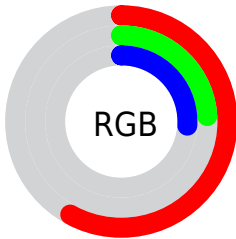
Format	Color
R_{YB}	147, 62, 66
Decimal	9649730
CIE Lab	37.92, 36.22, 15.54
CIE LCh	38, 39.415, 23.222
Yxy	10.0416, 0.4740, 0.3229
Android (android.graphics.Color)	4287839810 (0xFF933E42)
YUV	87.8710, -10.7824, 51.8561
Hunter-Lab	31.6885, 27.5671, 10.3651

Details

The XYZ color **14.7386, 10.0416, 6.3157** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **17.3788, 23.8749, 29.6805**, and the grayscale version is **9.2632, 9.7456, 10.6130**.

A 20% lighter version of the original color is **34.1192, 26.0043, 19.1406**, and **4.5769, 2.4855, 1.1027** is the 20% darker color. If you saturate the color by 10%, you get **13.6810, 8.5084, 4.1691**, and if you desaturate by 10%, it is **16.1142, 12.0489, 9.0676**.

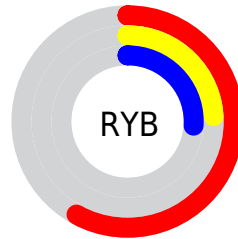
Distribution



Red (58%)

Green (24%)

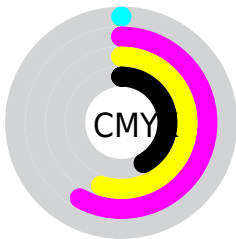
Blue (26%)



Red (58%)

Yellow (24%)

Blue (26%)

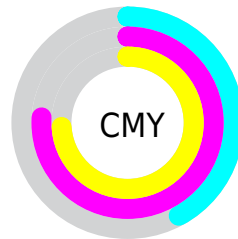


Cyan (0%)

Magenta (58%)

Yellow (55%)

Black (42%)



Cyan (42%)


Magenta (76%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7386, 10.0416, 6.3157 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 14.7386, 10.0416, 6.3157 by changing the saturation by 10% instead.


 14.7386, 10.0416,
6.3157


 14.7386, 10.0416,
6.3157


215.1984,
190.9687, 171.2592


 8.7213, 5.4265,
2.9661


 33.9694, 25.8737,
19.0716


 4.6155, 2.4996,
1.0774

 47.9135, 37.8596,
29.3150


 2.0559, 0.8765,
0.0000

 65.2307, 53.0712,
42.6933

 0.6651, 0.0000,
0.0000

 86.2861, 71.8928,
59.6253

 0.0000, 0.0000,
0.0000

 111.4453, 94.7091,
80.5293

 141.0735,

121.9042, 105.8239

175.5361,
153.8626, 135.9277

■ 14.7386, 10.0416,
6.3157

■ 14.7386, 10.0416,
6.3157

■ 13.6810, 8.5084,
4.1691

■ 16.1142, 12.0489,
9.0676

■ 12.9151, 7.4088,
2.5816

■ 17.8296, 14.5631,
12.4653

■ 12.4119, 6.6984,
1.5015

■ 19.9056, 17.6160,
16.5461

■ 12.1220, 6.2944,
0.8622

■ 22.3613, 21.2364,
21.3446

■ 12.0704, 6.2182,
0.7625

■ 25.2143, 25.4510,
26.8929

■ 28.4810, 30.2848,
33.2214

■ 32.1770, 35.7615,
40.3584

■ 36.3172, 41.9033,
48.3312

■ 40.9156, 48.7316,
57.1656

Harmonies

Analogous

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



15.2241, 10.0416, 12.6586



14.7386, 10.0416, 6.3157



12.7569, 10.0416, 3.1490

Triad

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



14.7386, 10.0416, 6.3157



6.1592, 10.0416, 4.5418



8.9825, 10.0416, 31.3744

Complementary

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



14.7386, 10.0416, 6.3157



17.3788, 23.8749, 29.6805

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.



6.9220, 10.0416, 26.2840



14.7386, 10.0416, 6.3157



5.4886, 10.0416, 9.3729

Square

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



14.7386, 10.0416, 6.3157



7.7547, 10.0416, 2.4860



5.7410, 10.0416, 17.3849



11.5898, 10.0416, 29.3412

Rectangle

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



14.7386, 10.0416, 6.3157



11.0158, 10.0416, 2.2921



5.7410, 10.0416, 17.3849



8.2099, 10.0416, 30.3857

Sweetspot

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



14.7388, 10.0421, 6.3159



40.2703, 38.3623, 38.6621



18.2738, 11.3697, 28.8351



9.0002, 8.4730, 8.4501



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.



14.7388, 10.0421, 6.3159



24.0960, 14.6538, 6.6345



17.4836, 15.7137, 6.6697



5.8112, 5.8195, 6.1119



10.4671, 5.3919, 0.6750



0.1303, 0.0669, 0.0198

Inverse Universe

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



14.7388, 10.0421, 6.3159



24.0960, 14.6538, 6.6345



12.6956, 14.0153, 29.6398



5.8112, 5.8195, 6.1119



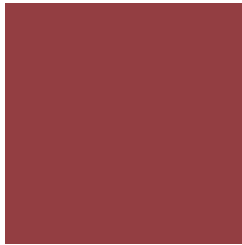
10.4671, 5.3919, 0.6750



0.1303, 0.0669, 0.0198

Previews

White Background



This preview shows how the XYZ color 14.7386, 10.0416, 6.3157 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 14.7386, 10.0416, 6.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

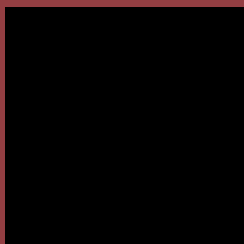
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7386, 10.0416, 6.3157

Background



This preview shows how black text looks on a background with the XYZ color 14.7386, 10.0416, 6.3157.



This preview shows how white text looks on a background with the XYZ color 14.7386, 10.0416,

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

14.7386, 10.0416, 6.3157

Protanopia

9.6835, 10.2565, 8.8665

Deuteranopia

10.2607, 10.1292, 5.9718



Tritanopia

14.7386, 10.0416, 6.3157

Trichromacy



Original Color

14.7386, 10.0416, 6.3157

Protanomaly

10.9147, 9.7424, 7.7838

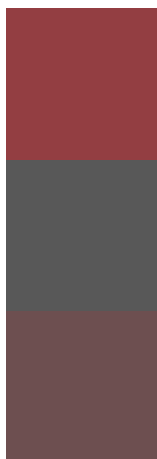
Deuteranomaly

11.5771, 9.8042, 5.9848

Tritanomaly

14.7386, 10.0416, 6.3157

Monochromacy



Original Color

14.7386, 10.0416, 6.3157

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

10.5506, 9.4224, 8.8520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7386, 10.0416, 6.3157 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(147, 62, 66)` looks like.

```
.text, #text, p{  
    color:rgb(147, 62, 66)  
}
```

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(147, 62, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 62, 66) }
```

Border

The CSS property to change the border of an element to XYZ 14.7386, 10.0416, 6.3157 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(147, 62, 66) }
```


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

```
.border{ border-color:rgb(147, 62, 66) }
```

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

Here you see how a box with a 4 pixel rgb(147, 62, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 62, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 62, 66);  
box-shadow:4px 4px 4px 4px rgb(147, 62,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7386, 10.0416, 6.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 62, 66) }
```

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

```
.background{ background-color: rgb(147, 62,  
66) }
```

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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