

Converting Colors

XYZ(15.1246, 14.1739, 6.7892)

Have a look what the booklet for
XYZ(15.1246, 14.1739, 6.7892)
contains.

XYZ(15.1246, 14.1739, 6.7892)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.1246, 14.1739,
6.7892)**

Conversions

Conversions Part 1

Format	Color
Hex	866240
RGB	134, 98, 64
RGB Percent	53%, 38%, 25%
CMY	0.4745, 0.6157, 0.7490
CMYK	0.00, 0.27, 0.52, 0.47
HSL	29°, 35%, 39%
HSV	29°, 52%, 53%
XYZ	15.1246, 14.1739, 6.7892
YIQ	104.8880, 32.3700, -2.9420

Conversions

Conversions Part 2

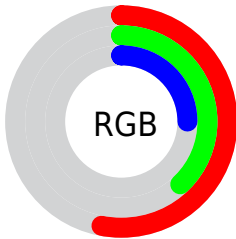
Format	Color
RYB	134, 130, 64
Decimal	8806976
CIELab	44.48, 10.25, 24.97
CIELCh	44, 26.993, 67.678
Yxy	14.1739, 0.4191, 0.3928
Android (android.graphics.Color)	4286997056 (0xFF866240)
YUV	104.8880, -20.1578, 25.5312
Hunter-Lab	37.6482, 5.8252, 15.6619

Details

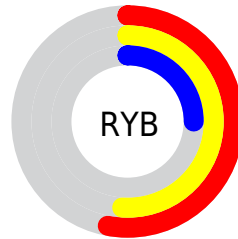
The XYZ color **15.1246, 14.1739, 6.7892** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.9743, 11.9250, 24.2774**, and the grayscale version is **13.4440, 14.1441, 15.4029**.

A 20% lighter version of the original color is **34.6583, 33.4836, 19.9655**, and **4.8339, 4.3003, 1.2371** is the 20% darker color. If you saturate the color by 10%, you get **14.1710, 12.8054, 4.8109**, and if you desaturate by 10%, it is **16.2261, 15.6915, 9.2692**.

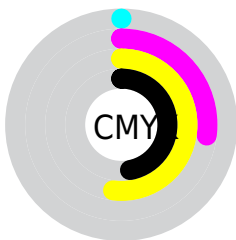
Distribution



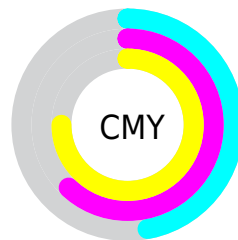
- Red (53%)
- Green (38%)
- Blue (25%)



- Red (53%)
- Yellow (51%)
- Blue (25%)



- Cyan (0%)
- Magenta (27%)
- Yellow (52%)
- Black (47%)



- Cyan (47%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1246, 14.1739, 6.7892 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 15.1246, 14.1739, 6.7892 by changing the saturation by 10% instead.

■ 15.1246, 14.1739,
6.7892

■ 15.1246, 14.1739,
6.7892

217.4926,
218.3100, 175.4644

■ 8.9938, 8.2417,
3.2542

■ 34.6415, 33.3973,
20.0535

■ 4.7942, 4.2500,
1.2258

■ 48.7582, 47.4572,
30.6198

■ 2.1605, 1.8144,
0.0000

■ 66.2677, 64.9953,
44.3669

■ 0.7218, 0.4961,
0.0000

■ 87.5352, 86.3957,
61.7135

■ 0.0000, 0.0000,
0.0000

■ 112.9260,
112.0431, 83.0780

■ 142.8057,

142.3216, 108.8789

177.5394,
177.6158, 139.5349

■ 15.1246, 14.1739,
6.7892

■ 15.1246, 14.1739,
6.7892

■ 14.1710, 12.8054,
4.8109

■ 16.2261, 15.6915,
9.2692

■ 13.3562, 11.5784,
3.2978

■ 17.4817, 17.3612,
12.2823

■ 12.6714, 10.4877,
2.2098

■ 18.8987, 19.1886,
15.8580

■ 12.1063, 9.5268,
1.4995

■ 20.4834, 21.1780,
20.0237

■ 11.7270, 8.8595,
1.0920

■ 22.2417, 23.3339,
24.8047

■ 24.1793, 25.6605,
30.2251

■ 26.3016, 28.1616,
36.3075

■ 28.6138, 30.8412,
43.0734

■ 31.1207, 33.7029,
50.5434

Harmonies

Analogous

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



17.0627, 14.1739, 9.2055



15.1246, 14.1739, 6.7892



12.9205, 14.1739, 6.3421

Triad

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



15.1246, 14.1739, 6.7892



9.7357, 14.1739, 17.0902



16.1950, 14.1739, 26.9944

Complementary

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



15.1246, 14.1739, 6.7892



10.9743, 11.9250, 24.2774

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.



14.0387, 14.1739, 30.6178



15.1246, 14.1739, 6.7892



10.4238, 14.1739, 23.9785

Square

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



15.1246, 14.1739, 6.7892



9.9597, 14.1739, 11.3139



11.9441, 14.1739, 29.3863



17.7256, 14.1739, 20.4471

Rectangle

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



15.1246, 14.1739, 6.7892



11.6200, 14.1739, 7.0667



11.9441, 14.1739, 29.3863



15.5107, 14.1739, 28.6652

Sweetspot

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



15.1249, 14.1746, 6.7895



34.9048, 35.8366, 32.1315



13.9733, 9.6586, 13.2268



7.7559, 7.9383, 6.9555



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



15.1249, 14.1746, 6.7895



24.6395, 22.0767, 7.8367



19.1216, 22.1678, 8.1217



4.8454, 5.0344, 4.9457



11.0007, 8.3241, 1.0269



0.0454, 0.0433, 0.0060

Inverse Universe

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



10.9743, 11.9250, 24.2774



16.4630, 17.6414, 42.2758



8.3174, 6.6112, 23.3918



4.6177, 4.9111, 5.9053



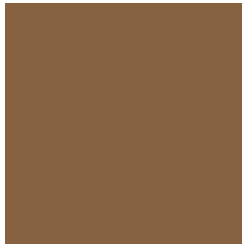
6.0324, 5.6127, 21.9021



0.0282, 0.0341, 0.0783

Previews

White Background



This preview shows how the XYZ color 15.1246, 14.1739, 6.7892 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 15.1246, 14.1739, 6.7892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

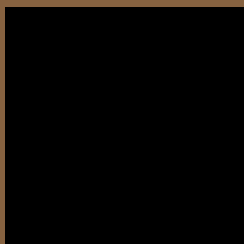
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1246, 14.1739, 6.7892

Background



This preview shows how black text looks on a background with the XYZ color 15.1246, 14.1739, 6.7892.



This preview shows how white text looks on a background with the XYZ color 15.1246, 14.1739,

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

15.1246, 14.1739, 6.7892

Protanopia

13.1349, 14.1532, 7.3498

Deuteranopia

14.4530, 14.2554, 6.6924



Tritanopia

16.5798, 14.0867, 14.1571

Trichromacy



Original Color

15.1246, 14.1739, 6.7892

Protanomaly

13.7608, 14.0337, 7.1378

Deuteranomaly

14.6603, 14.2191, 6.6745

Tritanomaly

16.0070, 14.1232, 11.1149

Monochromacy



Original Color

15.1246, 14.1739, 6.7892

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.7993, 13.9539, 11.6389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1246, 14.1739, 6.7892 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(134, 98, 64)` looks like.

```
.text, #text, p{  
    color:rgb(134, 98, 64)  
}
```

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(134, 98, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 98, 64) }
```

Border

The CSS property to change the border of an element to XYZ 15.1246, 14.1739, 6.7892 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(134, 98, 64) }
```


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

```
.border{ border-color:rgb(134, 98, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 98, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 98, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 98, 64);  
box-shadow:4px 4px 4px 4px rgb(134, 98,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1246, 14.1739, 6.7892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 98, 64) }
```

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

```
.background{ background-color: rgb(134, 98,  
64) }
```

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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