

Converting Colors

XYZ(14.6627, 12.5835, 7.1249)

Have a look what the booklet for
XYZ(14.6627, 12.5835, 7.1249)
contains.

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Color

**XYZ(14.6865, 12.6310,
7.1328)**

Conversions

Conversions Part 1

Format	Color
Hex	885844
RGB	136, 88, 68
RGB Percent	53%, 35%, 27%
CMY	0.4667, 0.6549, 0.7333
CMYK	0.00, 0.35, 0.50, 0.47
HSL	18°, 33%, 40%
HSV	18°, 50%, 53%
XYZ	14.6865, 12.6310, 7.1328
YIQ	100.0720, 35.0280, 3.9560

Conversions

Conversions Part 2

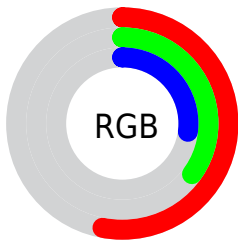
Format	Color
R_{YB}	136, 96, 68
Decimal	8935492
CIE _{Lab}	42.20, 17.44, 19.72
CIE _{LCh}	42, 26.326, 48.525
Yxy	12.6310, 0.4263, 0.3666
Android (android.graphics.Color)	4287125572 (0xFF885844)
YUV	100.0720, -15.8115, 31.5089
Hunter-Lab	35.5401, 11.5676, 12.9787

Details

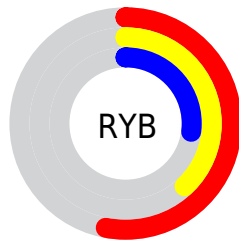
The XYZ color **14.6865, 12.6310, 7.1328** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **13.0731, 15.4969, 25.5949**, and the grayscale version is **12.1646, 12.7981, 13.9371**.

A 20% lighter version of the original color is **33.7267, 30.5143, 20.6353**, and **4.5601, 3.5609, 1.3111** is the 20% darker color. If you saturate the color by 10%, you get **13.5819, 11.0107, 4.9490**, and if you desaturate by 10%, it is **15.9919, 14.4986, 9.8589**.

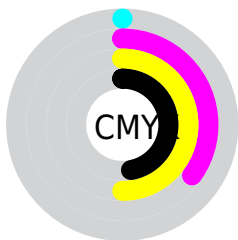
Distribution



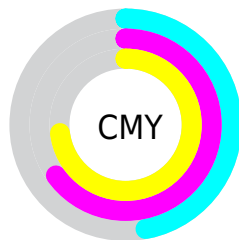
- Red (53%)
- Green (35%)
- Blue (27%)



- Red (53%)
- Yellow (38%)
- Blue (27%)



- Cyan (0%)
- Magenta (35%)
- Yellow (50%)
- Black (47%)





- Cyan (47%)
- Magenta (65%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6865, 12.6310, 7.1328 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 14.6865, 12.6310, 7.1328 by changing the saturation by 10% instead.


 14.6865, 12.6310,
7.1328


 14.6865, 12.6310,
7.1328


214.8870,
208.5391, 178.4352


 8.6845, 7.1749,
3.4656


 33.8785, 30.6392,
20.7573


 4.5915, 3.5718,
1.3370

 47.7992, 43.9602,
31.5516


 2.0419, 1.4370,
0.0918

 65.0902, 60.6717,
45.5588

 0.6573, 0.2438,
0.0000

 86.1168, 81.1579,
63.1972

 0.0000, 0.0000,
0.0000

 111.2445,
105.8034, 84.8856

140.8385,

134.9925, 111.0423

175.2642,
169.1096, 142.0860

■ 14.6865, 12.6310,
7.1328

■ 14.6865, 12.6310,
7.1328

■ 13.5819, 11.0107,
4.9490

■ 15.9919, 14.4986,
9.8589

■ 12.6663, 9.6252,
3.2699

■ 17.5069, 16.6218,
13.1600

■ 11.9281, 8.4634,
2.0540

■ 19.2412, 19.0106,
17.0672

■ 11.3538, 7.5125,
1.2530

■ 21.2034, 21.6739,
21.6088

■ 10.9124, 6.7522,
0.7282

■ 23.4017, 24.6204,
26.8118

■ 10.9124, 6.7522,
0.7282

■ 25.8437, 27.8582,
32.7011

■ 28.5369, 31.3951,
39.3007

■ 31.4884, 35.2386,
46.6332

■ 34.7048, 39.3960,
54.7205

Harmonies

Analogous

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



15.9574, 12.6310, 10.5927



14.6865, 12.6310, 7.1328



12.7731, 12.6310, 5.6388

Triad

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



14.6865, 12.6310, 7.1328



8.6693, 12.6310, 11.7100



13.2466, 12.6310, 26.7809

Complementary

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



14.6865, 12.6310, 7.1328



13.0731, 15.4969, 25.5949

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.



11.2691, 12.6310, 27.3217



14.6865, 12.6310, 7.1328



8.7665, 12.6310, 17.4866

Square

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



14.6865, 12.6310, 7.1328



9.3905, 12.6310, 7.7577



9.6722, 12.6310, 23.5613



15.0656, 12.6310, 22.2395

Rectangle

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



14.6865, 12.6310, 7.1328



11.4538, 12.6310, 5.5856



9.6722, 12.6310, 23.5613



12.5744, 12.6310, 27.4749

Sweetspot

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



14.6868, 12.6316, 7.1330



35.4740, 35.6348, 33.6762



15.4158, 10.6467, 17.9902



8.0706, 8.0558, 7.4651



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.6868, 12.6316, 7.1330



23.7067, 19.0632, 8.2875



18.0667, 19.3914, 8.2597



5.1450, 5.2728, 5.2990



10.3355, 6.4054, 0.6916



0.0801, 0.0655, 0.0084

Inverse Universe

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



13.0731, 15.4969, 25.5949



20.4943, 24.6679, 44.7296



9.9009, 9.1525, 24.5375



5.0507, 5.4443, 6.3905



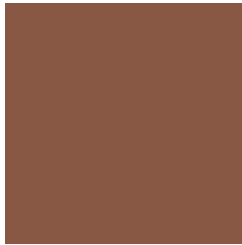
8.1728, 9.6160, 23.4710



0.0670, 0.0893, 0.1602

Previews

White Background



This preview shows how the XYZ color 14.6865, 12.6310, 7.1328 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 14.6865, 12.6310, 7.1328 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 14.6865, 12.6310, 7.1328

Background



This preview shows how black text looks on a background with the XYZ color 14.6865, 12.6310, 7.1328.



This preview shows how white text looks on a background with the XYZ color 14.6865, 12.6310,

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

14.6865, 12.6310, 7.1328

Protanopia

11.8232, 12.7212, 8.1356

Deuteranopia

12.9417, 12.7641, 7.0918



Tritanopia

15.6181, 12.6556, 11.5171

Trichromacy



Original Color

14.6865, 12.6310, 7.1328

Protanomaly

12.7914, 12.6722, 7.7330

Deuteranomaly

13.5317, 12.6696, 7.0425

Tritanomaly

15.2056, 12.5985, 9.8139

Monochromacy



Original Color

14.6865, 12.6310, 7.1328

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.7544, 12.5810, 10.9887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6865, 12.6310, 7.1328 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(136, 88, 68)` looks like.

```
.text, #text, p{  
    color:rgb(136, 88, 68)  
}
```

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(136, 88, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 88, 68) }
```

Border

The CSS property to change the border of an element to XYZ 14.6865, 12.6310, 7.1328 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(136, 88, 68) }
```


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

```
.border{ border-color:rgb(136, 88, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 88, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 88, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 88, 68);  
box-shadow:4px 4px 4px 4px rgb(136, 88,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6865, 12.6310, 7.1328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 88, 68) }
```

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

```
.background{ background-color: rgb(136, 88,  
68) }
```

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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