

Converting Colors

XYZ(14.7233, 14.8719, 9.7863)

Have a look what the booklet for
XYZ(14.7233, 14.8719, 9.7863)
contains.

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Color

**XYZ(14.7052, 14.9082,
9.8871)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6951
RGB	123, 105, 81
RGB Percent	48%, 41%, 32%
CMY	0.5176, 0.5882, 0.6823
CMYK	0.00, 0.15, 0.34, 0.52
HSL	34°, 21%, 40%
HSV	34°, 34%, 48%
XYZ	14.7052, 14.9082, 9.8871
YIQ	107.6460, 18.4320, -3.6480

Conversions

Conversions Part 2

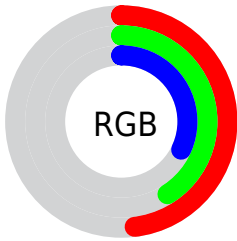
Format	Color
R_{YB}	113, 123, 81
Decimal	8087889
CIE _{Lab}	45.51, 3.30, 16.15
CIE _{LCh}	46, 16.487, 78.461
Yxy	14.9082, 0.3723, 0.3774
Android (android.graphics.Color)	4286277969 (0xFF7B6951)
YUV	107.6460, -13.1365, 13.4655
Hunter-Lab	38.6111, 0.4129, 11.8455

Details

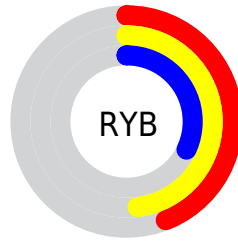
The XYZ color **14.7052, 14.9082, 9.8871** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.4303, 12.1028, 20.4727**, and the grayscale version is **14.1871, 14.9259, 16.2543**.

A 20% lighter version of the original color is **33.8222, 34.6187, 26.0186**, and **4.5791, 4.5700, 2.3098** is the 20% darker color. If you saturate the color by 10%, you get **13.7649, 13.7001, 7.5006**, and if you desaturate by 10%, it is **15.7631, 16.2177, 12.7255**.

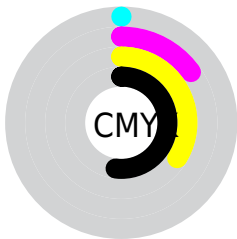
Distribution



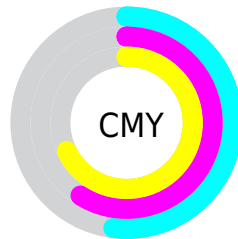
- Red (48%)
- Green (41%)
- Blue (32%)



- Red (44%)
- Yellow (48%)
- Blue (32%)



- Cyan (0%)
- Magenta (15%)
- Yellow (34%)
- Black (52%)



- Cyan (52%)
- Magenta (59%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7052, 14.9082, 9.8871 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 14.7052, 14.9082, 9.8871 by changing the saturation by 10% instead.

■ 14.7052, 14.9082,
9.8871

■ 14.7052, 14.9082,
9.8871

214.9988,
222.8099, 200.3198

■ 8.6977, 8.7550,
5.2195

■ 33.9111, 34.6921,
26.1874

■ 4.6001, 4.5817,
2.3157

■ 47.8402, 49.0915,
38.6573

■ 2.0469, 2.0040,
0.7400

■ 65.1406, 67.0084,
54.5649

■ 0.6601, 0.6098,
0.0000

■ 86.1776, 88.8273,
74.3290

■ 0.0000, 0.0000,
0.0000

■ 111.3166,
114.9325, 98.3680

140.9228,

145.7084, 127.1004

175.3618,
181.5394, 160.9448

■ 14.7052, 14.9082,
9.8871

■ 14.7052, 14.9082,
9.8871

■ 13.7649, 13.7001,
7.5006

■ 15.7631, 16.2177,
12.7255

■ 12.9360, 12.5882,
5.5410

■ 16.9423, 17.6294,
16.0370

■ 12.2133, 11.5702,
3.9824

■ 18.2475, 19.1465,
19.8426

■ 11.5906, 10.6425,
2.7957

■ 19.6831, 20.7718,
24.1619

■ 11.0611, 9.8013,
1.9476

■ 21.2529, 22.5077,
29.0132

■ 10.6154, 9.0418,
1.3925

■ 22.9609, 24.3564,
34.4140

■ 10.3770, 8.6281,
1.1185

■ 24.8107, 26.3204,
40.3810

■ 26.8058, 28.4019,
46.9302

■ 28.9495, 30.6029,
54.0770

Harmonies

Analogous

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



15.9961, 14.9082, 11.1994



14.7052, 14.9082, 9.8871



13.3491, 14.9082, 10.0581

Triad

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



14.7052, 14.9082, 9.8871



11.8073, 14.9082, 18.7499



16.2421, 14.9082, 21.7884

Complementary

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



14.7052, 14.9082, 9.8871



11.4303, 12.1028, 20.4727

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.



15.0235, 14.9082, 24.5250



14.7052, 14.9082, 9.8871



12.4881, 14.9082, 22.5845

Square

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



14.7052, 14.9082, 9.8871



11.7343, 14.9082, 14.7647



13.6475, 14.9082, 24.8378



16.9210, 14.9082, 17.7945

Rectangle

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



14.7052, 14.9082, 9.8871



12.5883, 14.9082, 10.9966



13.6475, 14.9082, 24.8378



15.8785, 14.9082, 22.9118

Sweetspot

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



14.7056, 14.9089, 9.8874



31.2234, 32.6063, 31.2686



13.3727, 11.0007, 13.2733



7.2907, 7.6058, 7.1819



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.7056, 14.9089, 9.8874



24.9923, 24.9812, 14.2796



16.3418, 18.7675, 10.5460



4.1706, 4.3597, 4.2462



10.7294, 8.9147, 1.1552



50.3227, 40.8088, 5.2246

Inverse Universe

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



11.4303, 12.1028, 20.4727



18.1830, 19.1501, 36.2946



10.1560, 9.1907, 19.9777



3.9257, 4.1498, 5.0373



4.9964, 4.0753, 19.9086



23.0234, 17.8194, 94.6958

Previews

White Background



This preview shows how the XYZ color 14.7052, 14.9082, 9.8871 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 14.7052, 14.9082, 9.8871 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 14.7052, 14.9082, 9.8871

Background



This preview shows how black text looks on a background with the XYZ color 14.7052, 14.9082, 9.8871.



This preview shows how white text looks on a background with the XYZ color 14.7052, 14.9082,

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

14.7052, 14.9082, 9.8871

Protanopia

13.9558, 14.9792, 10.1384

Deuteranopia

15.0878, 14.8066, 9.8473



Tritanopia

16.0182, 14.8471, 16.4895

Trichromacy



Original Color

14.7052, 14.9082, 9.8871

Protanomaly

14.2519, 14.9761, 10.1222

Deuteranomaly

15.0397, 14.9303, 9.8737

Tritanomaly

15.4609, 14.7636, 13.8392

Monochromacy



Original Color

14.7052, 14.9082, 9.8871

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2724, 14.9079, 13.6806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7052, 14.9082, 9.8871 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(123, 105, 81)` looks like.

```
.text, #text, p{  
    color:rgb(123, 105, 81)  
}
```

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(123, 105, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 105, 81) }
```

Border

The CSS property to change the border of an element to XYZ 14.7052, 14.9082, 9.8871 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(123, 105, 81) }
```


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

```
.border{ border-color:rgb(123, 105, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 105, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 105, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 105, 81);  
box-shadow:4px 4px 4px 4px rgb(123, 105,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7052, 14.9082, 9.8871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 105, 81) }
```

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

```
.background{ background-color: rgb(123,  
105, 81) }
```

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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