

Converting Colors

XYZ(14.3638, 14.7995, 12.2504)

Have a look what the booklet for
XYZ(14.3638, 14.7995, 12.2504)
contains.

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Color

**XYZ(14.4219, 14.8627,
12.2339)**

Conversions

Conversions Part 1

Format	Color
Hex	756A5C
RGB	117, 106, 92
RGB Percent	46%, 42%, 36%
CMY	0.5412, 0.5843, 0.6392
CMYK	0.00, 0.09, 0.21, 0.54
HSL	34°, 12%, 41%
HSV	34°, 21%, 46%
XYZ	14.4219, 14.8627, 12.2339
YIQ	107.6930, 11.0500, -2.0220

Conversions

Conversions Part 2

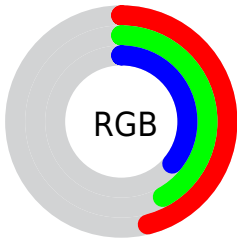
Format	Color
RYB	112, 117, 92
Decimal	7694940
CIELab	45.45, 1.83, 9.43
CIELCh	45, 9.609, 79.002
Yxy	14.8627, 0.3474, 0.3580
Android (android.graphics.Color)	4285885020 (0xFF756A5C)
YUV	107.6930, -7.7366, 8.1622
Hunter-Lab	38.5522, -0.6916, 8.1718

Details

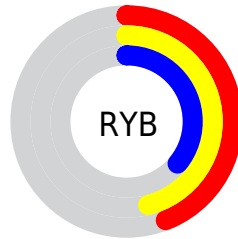
The XYZ color **14.4219, 14.8627, 12.2339** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.4746, 13.2598, 18.7315**, and the grayscale version is **14.1871, 14.9259, 16.2543**.

A 20% lighter version of the original color is **33.3016, 34.5020, 30.4955**, and **4.4410, 4.5541, 3.2297** is the 20% darker color. If you saturate the color by 10%, you get **13.4350, 13.6451, 9.5735**, and if you desaturate by 10%, it is **15.5205, 16.1769, 15.3216**.

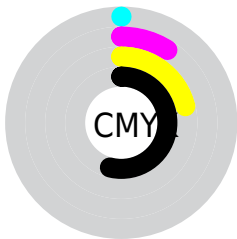
Distribution



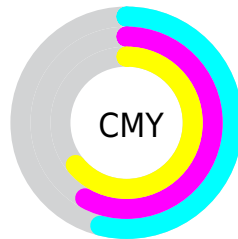
- Red (46%)
- Green (42%)
- Blue (36%)



- Red (44%)
- Yellow (46%)
- Blue (36%)



- Cyan (0%)
- Magenta (9%)
- Yellow (21%)
- Black (54%)



- Cyan (54%)
- Magenta (58%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4219, 14.8627, 12.2339 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 14.4219, 14.8627, 12.2339 by changing the saturation by 10% instead.

■ 14.4219, 14.8627,
12.2339

■ 14.4219, 14.8627,
12.2339

213.2984,
222.5337, 216.9803

■ 8.4983, 8.7231,
6.7787

■ 33.4158, 34.6121,
30.5911

■ 4.4699, 4.5610,
3.2478

■ 47.2169, 48.9907,
44.3303

■ 1.9713, 1.9921,
1.2225

■ 64.3745, 66.8845,
61.6678

■ 0.6177, 0.6029,
0.0000

■ 85.2541, 88.6777,
83.0223

■ 0.0000, 0.0000,
0.0000

110.2209,
114.7548, 108.8122

139.6403,

145.5003, 139.4561

173.8777,
181.2984, 175.3727

■ 14.4219, 14.8627,
12.2339

■ 14.4219, 14.8627,
12.2339

■ 13.4350, 13.6451,
9.5735

■ 15.5205, 16.1769,
15.3216

■ 12.5544, 12.5195,
7.3203

■ 16.7334, 17.5882,
18.8538

■ 11.7760, 11.4840,
5.4539

■ 18.0648, 19.0996,
22.8477

■ 11.0950, 10.5357,
3.9518

■ 19.5183, 20.7132,
27.3192

■ 10.5062, 9.6715,
2.7889

■ 21.0972, 22.4313,
32.2838

■ 10.0035, 8.8879,
1.9373

■ 22.8047, 24.2559,
37.7561

■ 9.5801, 8.1814,
1.3643

■ 24.6439, 26.1890,
43.7499

■ 9.2572, 7.6240,
0.9837

■ 26.6179, 28.2326,
50.2788

■ 28.7295, 30.3885,
57.3557

Harmonies

Analogous

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



15.1594, 14.8627, 13.0819



14.4219, 14.8627, 12.2339



13.6318, 14.8627, 12.3664

Triad

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



14.4219, 14.8627, 12.2339



12.7221, 14.8627, 17.6595



15.3190, 14.8627, 19.2470

Complementary

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



14.4219, 14.8627, 12.2339



12.4746, 13.2598, 18.7315

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.



14.6331, 14.8627, 20.7136



14.4219, 14.8627, 12.2339



13.1417, 14.8627, 19.7390

Square

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



14.4219, 14.8627, 12.2339



12.6704, 14.8627, 15.3574



13.8353, 14.8627, 20.9017



15.6902, 14.8627, 17.0376

Rectangle

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



14.4219, 14.8627, 12.2339



13.1808, 14.8627, 12.9965



13.8353, 14.8627, 20.9017



15.1165, 14.8627, 19.8518

Sweetspot

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



14.4223, 14.8634, 12.2342



28.8986, 30.2632, 30.6318



13.6241, 12.4207, 14.5774



6.6208, 6.9307, 6.9745



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.4223, 14.8634, 12.2342



24.8640, 25.4377, 19.2873



15.4624, 17.1912, 12.6287



3.8382, 4.0094, 3.9139



10.1838, 8.3689, 1.0786



48.7625, 39.0535, 4.9680

Inverse Universe

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



12.4746, 13.2598, 18.7315



20.6667, 21.9824, 33.2908



11.5778, 11.2791, 18.3965



3.6209, 3.8304, 4.6387



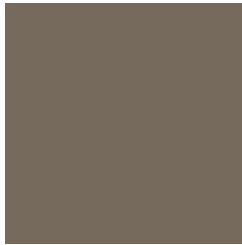
4.8495, 4.0387, 19.0665



22.8078, 18.0322, 92.6387

Previews

White Background



This preview shows how the XYZ color 14.4219, 14.8627, 12.2339 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 14.4219, 14.8627, 12.2339 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

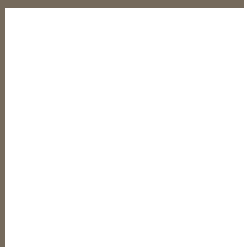
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4219, 14.8627, 12.2339

Background



This preview shows how black text looks on a background with the XYZ color 14.4219, 14.8627, 12.2339.



This preview shows how white text looks on a background with the XYZ color 14.4219, 14.8627,

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

14.4219, 14.8627, 12.2339

Protanopia

14.0435, 14.8164, 12.4756

Deuteranopia

15.0505, 14.8843, 12.2049



Tritanopia

15.3272, 14.7701, 17.0820

Trichromacy



Original Color

14.4219, 14.8627, 12.2339

Protanomaly

14.1729, 14.8831, 12.4817

Deuteranomaly

14.8685, 14.9408, 12.2254

Tritanomaly

14.9202, 14.7517, 15.1577

Monochromacy



Original Color

14.4219, 14.8627, 12.2339

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2115, 14.8542, 14.6885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4219, 14.8627, 12.2339 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(117, 106, 92)` looks like.

```
.text, #text, p{  
    color:rgb(117, 106, 92)  
}
```

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(117, 106, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 106, 92) }
```

Border

The CSS property to change the border of an element to XYZ 14.4219, 14.8627, 12.2339 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(117, 106, 92) }
```


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

```
.border{ border-color:rgb(117, 106, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 106, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 106, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 106, 92);  
box-shadow:4px 4px 4px 4px rgb(117, 106,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4219, 14.8627, 12.2339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 106, 92) }
```

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

```
.background{ background-color: rgb(117,  
106, 92) }
```

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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