

Converting Colors

XYZ(14.2375, 12.8128, 15.2896)

Have a look what the booklet for
XYZ(14.2375, 12.8128, 15.2896)
contains.

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Color

**XYZ(14.2616, 12.8624,
15.3667)**

Conversions

Conversions Part 1

Format	Color
Hex	785D6A
RGB	120, 93, 106
RGB Percent	47%, 36%, 42%
CMY	0.5294, 0.6353, 0.5843
CMYK	0.00, 0.22, 0.12, 0.53
HSL	331°, 13%, 42%
HSV	331°, 22%, 47%
XYZ	14.2616, 12.8624, 15.3667
YIQ	102.5550, 11.9190, 9.7670

Conversions

Conversions Part 2

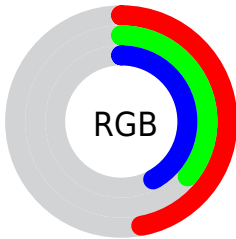
Format	Color
R_{YB}	120, 93, 106
Decimal	7888234
CIE _{Lab}	42.56, 13.30, -3.17
CIE _{LCh}	43, 13.673, 346.588
Yxy	12.8624, 0.3356, 0.3027
Android (android.graphics.Color)	4286078314 (0xFF785D6A)
YUV	102.5550, 1.6984, 15.2993
Hunter-Lab	35.8642, 8.2192, -0.2990

Details

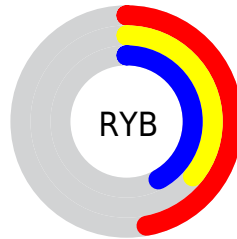
The XYZ color **14.2616, 12.8624, 15.3667** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.8850, 16.8220, 16.4259**, and the grayscale version is **12.7686, 13.4335, 14.6291**.

A 20% lighter version of the original color is **33.1418, 30.9635, 36.1281**, and **4.4045, 3.6884, 4.6175** is the 20% darker color. If you saturate the color by 10%, you get **12.9780, 10.7942, 13.3998**, and if you desaturate by 10%, it is **15.7348, 15.2717, 17.5130**.

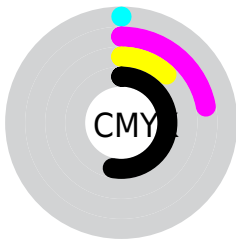
Distribution



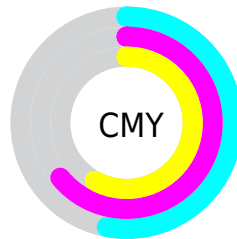
- Red (47%)
- Green (36%)
- Blue (42%)



- Red (47%)
- Yellow (36%)
- Blue (42%)



- Cyan (0%)
- Magenta (22%)
- Yellow (12%)
- Black (53%)



- Cyan (53%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2616, 12.8624, 15.3667 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 14.2616, 12.8624, 15.3667 by changing the saturation by 10% instead.

■ 14.2616, 12.8624,
15.3667

■ 14.2616, 12.8624,
15.3667

212.3304,
210.0339, 237.2919

■ 8.3858, 7.3339,
8.9277

■ 33.1349, 31.0564,
36.2466

■ 4.3966, 3.6718,
4.5979

■ 46.8630, 44.4906,
51.5245

■ 1.9289, 1.4917,
1.9587

■ 63.9393, 61.3288,
70.5858

■ 0.5935, 0.2829,
0.5297

■ 84.7291, 81.9554,
93.8490

■ 0.0000, 0.0000,
0.0000

109.5978,
106.7549, 121.7327

138.9106,

136.1115, 154.6554

173.0331,
170.4097, 193.0356

■ 14.2616, 12.8624,
15.3667

■ 14.2616, 12.8624,
15.3667

■ 12.9780, 10.7942,
13.3998

■ 15.7348, 15.2717,
17.5130

■ 11.8746, 9.0499,
11.6063

■ 17.4041, 18.0351,
19.8427

■ 10.9430, 7.6132,
9.9809

■ 19.2770, 21.1667,
22.3609

■ 10.1736, 6.4658,
8.5180

■ 21.3606, 24.6796,
25.0721

■ 9.5559, 5.5874,
7.2112

■ 23.6611, 28.5861,
27.9806

■ 9.0778, 4.9550,
6.0537

■ 26.1851, 32.8980,
31.0906

■ 8.7252, 4.5412,
5.0379

■ 28.9383, 37.6266,
34.4062

■ 8.5037, 4.2963,
4.3538

■ 31.9265, 42.7827,
37.9313

■ 35.1553, 48.3769,
41.6698

Harmonies

Analogous

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



13.7262, 12.8624, 18.2907



14.2616, 12.8624, 15.3667



14.2300, 12.8624, 12.4425

Triad

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



14.2616, 12.8624, 15.3667



11.6668, 12.8624, 9.2288



10.9101, 12.8624, 18.5585

Complementary

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



14.2616, 12.8624, 15.3667



13.8850, 16.8220, 16.4259

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.



10.4183, 12.8624, 15.6930



14.2616, 12.8624, 15.3667



10.8381, 12.8624, 10.4472

Square

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



14.2616, 12.8624, 15.3667



12.6920, 12.8624, 9.1672



10.3927, 12.8624, 12.7262



11.7702, 12.8624, 20.3011

Rectangle

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



14.2616, 12.8624, 15.3667



13.8910, 12.8624, 10.8797



10.3927, 12.8624, 12.7262



10.6984, 12.8624, 17.6778

Sweetspot

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



14.2620, 12.8630, 15.3670



29.1944, 29.3695, 32.9437



13.3624, 12.3081, 19.4409



6.8897, 6.9122, 7.7668



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.2620, 12.8630, 15.3670



23.8774, 20.6717, 25.2022



13.6760, 12.6920, 12.0856



4.0712, 4.0442, 4.5725



9.2699, 4.6841, 4.7121



43.7924, 22.1733, 20.2348

Inverse Universe

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



14.2620, 12.8630, 15.3670



23.8774, 20.6717, 25.2022



14.5672, 17.0085, 20.2846



4.0712, 4.0442, 4.5725



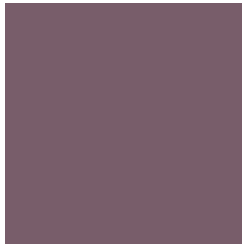
9.2699, 4.6841, 4.7121



43.7924, 22.1733, 20.2348

Previews

White Background



This preview shows how the XYZ color 14.2616, 12.8624, 15.3667 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 14.2616, 12.8624, 15.3667 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 14.2616, 12.8624, 15.3667

Background



This preview shows how black text looks on a background with the XYZ color 14.2616, 12.8624, 15.3667.



This preview shows how white text looks on a background with the XYZ color 14.2616, 12.8624,

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

14.2616, 12.8624, 15.3667

Protanopia

12.6272, 12.9495, 16.5858

Deuteranopia

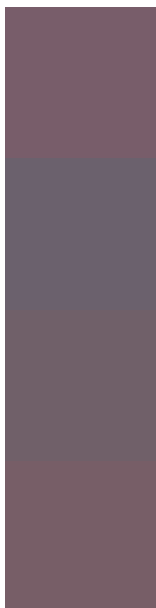
13.1018, 12.9434, 15.1724



Tritanopia

13.9594, 12.8669, 14.0597

Trichromacy



Original Color

14.2616, 12.8624, 15.3667

Protanomaly

13.0984, 12.7793, 16.2443

Deuteranomaly

13.4148, 12.8304, 15.1341

Tritanomaly

14.0586, 12.9066, 14.5822

Monochromacy



Original Color

14.2616, 12.8624, 15.3667

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.2672, 13.1744, 14.9404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2616, 12.8624, 15.3667 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(120, 93, 106)` looks like.

```
.text, #text, p{  
    color:rgb(120, 93, 106)  
}
```

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(120, 93, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 93, 106) }
```

Border

The CSS property to change the border of an element to XYZ 14.2616, 12.8624, 15.3667 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(120, 93, 106) }
```


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

```
.border{ border-color:rgb(120, 93, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 93, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 93, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 93, 106); box-shadow:4px 4px 4px 4px rgb(120, 93, 106) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2616, 12.8624, 15.3667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 93, 106) }
```

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

```
.background{ background-color: rgb(120, 93,  
106) }
```

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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