

Converting Colors

XYZ(15.2616, 12.7460, 15.4232)

Have a look what the booklet for
XYZ(15.2616, 12.7460, 15.4232)
contains.

XYZ(15.2972, 12.7659, 15.2935)	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(15.2972, 12.7659,
15.2935)**

Conversions

Conversions Part 1

Format	Color
Hex	82586A
RGB	130, 88, 106
RGB Percent	51%, 35%, 42%
CMY	0.4902, 0.6549, 0.5843
CMYK	0.00, 0.32, 0.18, 0.49
HSL	334°, 19%, 43%
HSV	334°, 32%, 51%
XYZ	15.2972, 12.7659, 15.2935
YIQ	102.6100, 19.2540, 14.5020

Conversions

Conversions Part 2

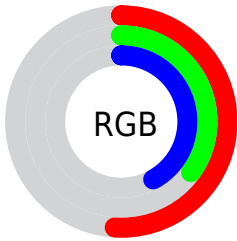
Format	Color
R_{YB}	130, 88, 106
Decimal	8542314
CIE _{Lab}	42.41, 20.21, -3.26
CIE _{LCh}	42, 20.475, 350.842
Yxy	12.7659, 0.3528, 0.2944
Android (android.graphics.Color)	4286732394 (0xFF82586A)
YUV	102.6100, 1.6713, 24.0210
Hunter-Lab	35.7294, 13.8966, -0.3677

Details

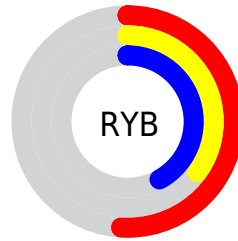
The XYZ color **15.2972, 12.7659, 15.2935** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.9323, 19.2102, 18.2511**, and the grayscale version is **12.7818, 13.4474, 14.6442**.

A 20% lighter version of the original color is **34.9414, 30.8016, 36.0020**, and **4.9256, 3.6772, 4.5878** is the 20% darker color. If you saturate the color by 10%, you get **13.9540, 10.6712, 13.0216**, and if you desaturate by 10%, it is **16.8649, 15.2559, 17.8057**.

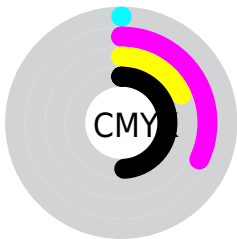
Distribution



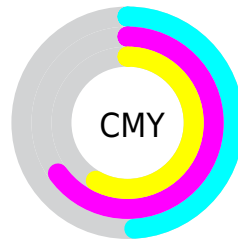
- Red (51%)
- Green (35%)
- Blue (42%)



- Red (51%)
- Yellow (35%)
- Blue (42%)



- Cyan (0%)
- Magenta (32%)
- Yellow (18%)
- Black (49%)





- Cyan (49%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.2972, 12.7659, 15.2935 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 15.2972, 12.7659, 15.2935 by changing the saturation by 10% instead.


 15.2972, 12.7659,
15.2935


 15.2972, 12.7659,
15.2935


218.5110,
209.4119, 236.8375


 9.1159, 7.2675,
8.8767


 34.9411, 30.8826,
36.1168


 4.8746, 3.6300,
4.5651

 49.1344, 44.2697,
51.3604

 2.2079, 1.4688,
1.9402

 66.7292, 61.0551,
70.3834

 0.7469, 0.2666,
0.5181

 88.0906, 81.6234,
93.6043

 0.0000, 0.0000,
0.0000

 113.5842,
106.3588, 121.4416

143.5752,

135.6457, 154.3139

178.4290,
169.8686, 192.6397

■ 15.2972, 12.7659,
15.2935

■ 15.2972, 12.7659,
15.2935

■ 13.9540, 10.6712,
13.0216

■ 16.8649, 15.2559,
17.8057

■ 12.8233, 8.9493,
10.9813

■ 18.6663, 18.1583,
20.5649

■ 11.8935, 7.5784,
9.1647

■ 20.7111, 21.4916,
23.5783

■ 11.1514, 6.5336,
7.5628

■ 23.0085, 25.2726,
26.8526

■ 10.5822, 5.7867,
6.1659

■ 25.5668, 29.5171,
30.3945

■ 10.1684, 5.3046,
4.9633

■ 28.3944, 34.2402,
34.2100

■ 9.9127, 5.0286,
4.1524

■ 31.4988, 39.4563,
38.3053

■ 34.8875, 45.1792,
42.6861

■ 38.5678, 51.4222,
47.3581

Harmonies

Analogous

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



14.5769, 12.7659, 19.9705



15.2972, 12.7659, 15.2935



15.1159, 12.7659, 11.0964

Triad

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



15.2972, 12.7659, 15.2935



11.1105, 12.7659, 7.3865



10.3586, 12.7659, 21.5649

Complementary

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



15.2972, 12.7659, 15.2935



14.9323, 19.2102, 18.2511

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.



9.5719, 12.7659, 17.1398



15.2972, 12.7659, 15.2935



9.9798, 12.7659, 9.2041

Square

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



15.2972, 12.7659, 15.2935



12.6109, 12.7659, 7.0974



9.4393, 12.7659, 12.5936



11.6685, 12.7659, 24.0627

Rectangle

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



15.2972, 12.7659, 15.2935



14.5138, 12.7659, 9.0599



9.4393, 12.7659, 12.5936



10.0290, 12.7659, 20.2144

Sweetspot

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



15.2976, 12.7665, 15.2938



33.5853, 33.1348, 37.2820



14.1762, 12.0235, 22.6929



7.5106, 7.3518, 8.3024



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.2976, 12.7665, 15.2938



25.1118, 19.6244, 23.8628



14.6919, 12.8991, 10.9487



4.3983, 4.3725, 4.9020



9.5080, 4.8229, 3.9989



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.2976, 12.7665, 15.2938



25.1118, 19.6244, 23.8628



15.6695, 18.9173, 23.9448



4.3983, 4.3725, 4.9020



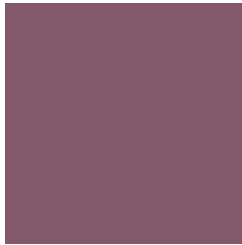
9.5080, 4.8229, 3.9989



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.2972, 12.7659, 15.2935 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 15.2972, 12.7659, 15.2935 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 15.2972, 12.7659, 15.2935

Background



This preview shows how black text looks on a background with the XYZ color 15.2972, 12.7659, 15.2935.



This preview shows how white text looks on a background with the XYZ color 15.2972, 12.7659,

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

15.2972, 12.7659, 15.2935

Protanopia

12.5748, 12.9033, 17.4506

Deuteranopia

12.9577, 12.7370, 14.8722



Tritanopia

14.8207, 12.8240, 12.7605

Trichromacy



Original Color

15.2972, 12.7659, 15.2935

Protanomaly

13.4278, 12.8065, 16.5160

Deuteranomaly

13.7550, 12.7383, 15.0984

Tritanomaly

14.9259, 12.7320, 13.7274

Monochromacy



Original Color

15.2972, 12.7659, 15.2935

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.6764, 13.2456, 14.9325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2972, 12.7659, 15.2935 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(130, 88, 106)` looks like.

```
.text, #text, p{  
    color:rgb(130, 88, 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(130, 88, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 88, 106) }
```

Border

The CSS property to change the border of an element to XYZ 15.2972, 12.7659, 15.2935 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(130, 88, 106) }
```


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

```
.border{ border-color:rgb(130, 88, 106) }
```

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

Here you see how a box with a 4 pixel rgb(130, 88, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 88, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 88, 106);  
box-shadow:4px 4px 4px 4px rgb(130, 88,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2972, 12.7659, 15.2935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 88, 106) }
```

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

```
.background{ background-color: rgb(130, 88,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor