

Converting Colors

XYZ(14.2273, 13.7697, 15.7915)

Have a look what the booklet for
XYZ(14.2273, 13.7697, 15.7915)
contains.

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Color

**XYZ(14.2812, 13.8207,
15.8249)**

Conversions

Conversions Part 1

Format	Color
Hex	73646B
RGB	115, 100, 107
RGB Percent	45%, 39%, 42%
CMY	0.5490, 0.6078, 0.5804
CMYK	0.00, 0.13, 0.07, 0.55
HSL	332°, 7%, 42%
HSV	332°, 13%, 45%
XYZ	14.2812, 13.8207, 15.8249
YIQ	105.2830, 6.6930, 5.3570

Conversions

Conversions Part 2

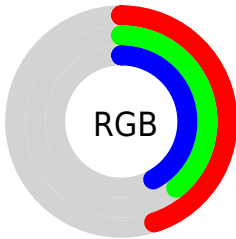
Format	Color
R_{YB}	115, 100, 107
Decimal	7562347
CIE Lab	43.97, 7.30, -1.75
CIE LCh	44, 7.509, 346.533
Yxy	13.8207, 0.3251, 0.3146
Android (android.graphics.Color)	4285752427 (0xFF73646B)
YUV	105.2830, 0.8465, 8.5218
Hunter-Lab	37.1762, 3.5122, 0.7852

Details

The XYZ color **14.2812, 13.8207, 15.8249** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0935, 16.0538, 16.5439**, and the grayscale version is **13.5008, 14.2039, 15.4680**.

A 20% lighter version of the original color is **33.1745, 32.8173, 36.9336**, and **4.4035, 4.0657, 4.8276** is the 20% darker color. If you saturate the color by 10%, you get **12.9438, 11.6441, 13.8431**, and if you desaturate by 10%, it is **15.7980, 16.3191, 17.9799**.

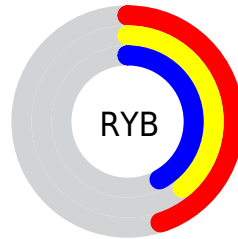
Distribution



Red (45%)

Green (39%)

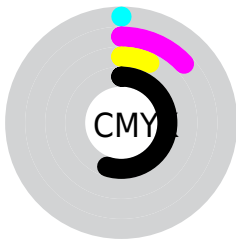
Blue (42%)



Red (45%)

Yellow (39%)

Blue (42%)

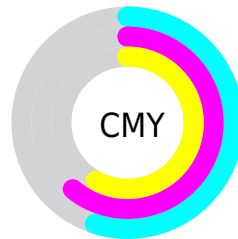


Cyan (0%)

Magenta (13%)

Yellow (7%)

Black (55%)



Cyan (55%)

Magenta (61%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2812, 13.8207, 15.8249 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 14.2812, 13.8207, 15.8249 by changing the saturation by 10% instead.

■ 14.2812, 13.8207,
15.8249

■ 14.2812, 13.8207,
15.8249

212.4490,
216.1125, 240.1166

■ 8.3995, 7.9961,
9.2473

■ 33.1693, 32.7705,
37.0565

■ 4.4056, 4.0924,
4.8038

■ 46.9063, 46.6646,
52.5476

■ 1.9340, 1.7254,
2.0759

■ 63.9926, 64.0171,
71.8470

■ 0.5965, 0.4400,
0.6014

■ 84.7934, 85.2127,
95.3731

■ 0.0000, 0.0000,
0.0000

109.6741,
110.6356, 123.5446

139.0000,

140.6703, 156.7800

173.1365,
175.7011, 195.4978

■ 14.2812, 13.8207,
15.8249

■ 14.2812, 13.8207,
15.8249

■ 12.9438, 11.6441,
13.8431

■ 15.7980, 16.3191,
17.9799

■ 11.7778, 9.7744,
12.0288

■ 17.4995, 19.1499,
20.3115

■ 10.7759, 8.1980,
10.3775

■ 19.3925, 22.3254,
22.8244

■ 9.9303, 6.8997,
8.8841

■ 21.4828, 25.8568,
25.5226

■ 9.2322, 5.8631,
7.5430

■ 23.7762, 29.7548,
28.4101

■ 8.6720, 5.0697,
6.3484

■ 26.2779, 34.0296,
31.4908

■ 8.2389, 4.4987,
5.2940

■ 28.9934, 38.6909,
34.7683

■ 7.9190, 4.1233,
4.3720

■ 31.9275, 43.7483,
38.2463

■ 7.7282, 3.9080,
3.7953

■ 35.0852, 49.2107,
41.9283

Harmonies

Analogous

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



13.9846, 13.8207, 17.4184



14.2812, 13.8207, 15.8249



14.2644, 13.8207, 14.1346

Triad

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



14.2812, 13.8207, 15.8249



12.8131, 13.8207, 12.1191



12.3643, 13.8207, 17.5555

Complementary

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



14.2812, 13.8207, 15.8249



14.0935, 16.0538, 16.5439

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.



12.0690, 13.8207, 16.0008



14.2812, 13.8207, 15.8249



12.3227, 13.8207, 12.9038

Square

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



14.2812, 13.8207, 15.8249



13.4046, 13.8207, 12.0799



12.0540, 13.8207, 14.2977



12.8714, 13.8207, 18.4673

Rectangle

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



14.2812, 13.8207, 15.8249



14.0776, 13.8207, 13.1799



12.0540, 13.8207, 14.2977



12.2376, 13.8207, 17.0856

Sweetspot

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



14.2816, 13.8213, 15.8252



27.9848, 28.7186, 31.7709



13.8365, 13.5409, 18.1041



6.6332, 6.7802, 7.5192



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.



14.2816, 13.8213, 15.8252



24.7292, 23.3691, 27.1044



13.9762, 13.7761, 13.9798



3.7484, 3.7267, 4.2021



8.8241, 4.4634, 4.2821



42.5763, 21.5806, 18.6298

Inverse Universe

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



14.2816, 13.8213, 15.8252



24.7292, 23.3691, 27.1044



14.4243, 16.0951, 18.5661



3.7484, 3.7267, 4.2021



8.8241, 4.4634, 4.2821



42.5763, 21.5806, 18.6298

Previews

White Background



This preview shows how the XYZ color 14.2812, 13.8207, 15.8249 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 14.2812, 13.8207, 15.8249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

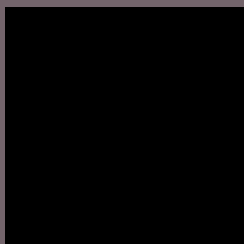
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2812, 13.8207, 15.8249

Background



This preview shows how black text looks on a background with the XYZ color 14.2812, 13.8207, 15.8249.



This preview shows how white text looks on a background with the XYZ color 14.2812, 13.8207,

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

14.2812, 13.8207, 15.8249

Protanopia

13.3195, 13.7477, 16.4196

Deuteranopia

14.1176, 13.8796, 15.8449



Tritanopia

14.3342, 13.8419, 16.1036

Trichromacy



Original Color

14.2812, 13.8207, 15.8249

Protanomaly

13.6425, 13.7736, 16.1269

Deuteranomaly

14.2470, 13.9463, 15.8509

Tritanomaly

14.3342, 13.8419, 16.1036

Monochromacy



Original Color

14.2812, 13.8207, 15.8249

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.7584, 13.9923, 15.6113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2812, 13.8207, 15.8249 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(115, 100, 107)` looks like.

```
.text, #text, p{  
    color:rgb(115, 100, 107)  
}
```

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(115, 100, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 100, 107) }
```

Border

The CSS property to change the border of an element to XYZ 14.2812, 13.8207, 15.8249 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(115, 100, 107) }
```


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

```
.border{ border-color:rgb(115, 100, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 100, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 100, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 100, 107);  
box-shadow:4px 4px 4px 4px rgb(115, 100,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2812, 13.8207, 15.8249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 100, 107) }
```

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

```
.background{ background-color: rgb(115,  
100, 107) }
```

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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