

Converting Colors

XYZ(13.8147, 12.8009, 17.0110)

Have a look what the booklet for
XYZ(13.8147, 12.8009, 17.0110)
contains.

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Color

**XYZ(13.8269, 12.8650,
17.0837)**

Conversions

Conversions Part 1

Format	Color
Hex	715F70
RGB	113, 95, 112
RGB Percent	44%, 37%, 44%
CMY	0.5569, 0.6274, 0.5608
CMYK	0.00, 0.16, 0.01, 0.56
HSL	303°, 9%, 41%
HSV	303°, 16%, 44%
XYZ	13.8269, 12.8650, 17.0837
YIQ	102.3200, 5.2710, 9.1030

Conversions

Conversions Part 2

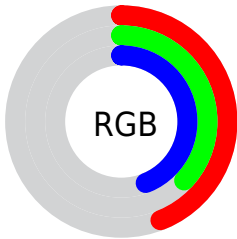
Format	Color
R_{YB}	113, 95, 112
Decimal	7430000
CIE _{Lab}	42.56, 10.56, -6.91
CIE _{LCh}	43, 12.614, 326.802
Yxy	12.8650, 0.3159, 0.2939
Android (android.graphics.Color)	4285620080 (0xFF715F70)
YUV	102.3200, 4.7722, 9.3664
Hunter-Lab	35.8678, 6.0424, -3.1321

Details

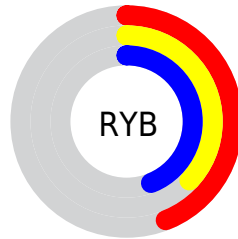
The XYZ color **13.8269, 12.8650, 17.0837** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.7363, 15.0880, 13.3080**, and the grayscale version is **12.7003, 13.3617, 14.5509**.

A 20% lighter version of the original color is **32.4968, 31.2374, 39.4386**, and **4.2037, 3.6906, 5.3413** is the 20% darker color. If you saturate the color by 10%, you get **12.8473, 10.9613, 16.5854**, and if you desaturate by 10%, it is **14.9552, 15.0653, 17.6330**.

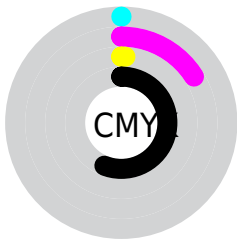
Distribution



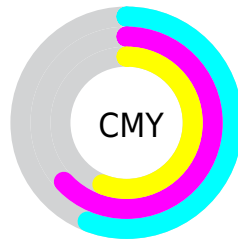
- Red (44%)
- Green (37%)
- Blue (44%)



- Red (44%)
- Yellow (37%)
- Blue (44%)



- Cyan (0%)
- Magenta (16%)
- Yellow (1%)
- Black (56%)



- Cyan (56%)
- Magenta (63%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8269, 12.8650, 17.0837 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 13.8269, 12.8650, 17.0837 by changing the saturation by 10% instead.

■ 13.8269, 12.8650,
17.0837

■ 13.8269, 12.8650,
17.0837

209.6835,
210.0507, 247.7145

■ 8.0813, 7.3357,
10.1316

■ 32.3704, 31.0610,
39.2623

■ 4.1992, 3.6729,
5.3796

■ 45.8990, 44.4965,
55.3258

■ 1.8155, 1.4923,
2.4090

■ 62.7526, 61.3362,
75.2635

■ 0.5270, 0.2833,
0.7914

■ 83.2966, 81.9644,
99.4940

■ 0.0000, 0.0000,
0.0000

107.8963,
106.7655, 128.4359

136.9172,

136.1240, 162.5075

170.7244,
170.4243, 202.1276

■ 13.8269, 12.8650,
17.0837

■ 13.8269, 12.8650,
17.0837

■ 12.8473, 10.9613,
16.5854

■ 14.9552, 15.0653,
17.6330

■ 12.0089, 9.3398,
16.1353

■ 16.2370, 17.5724,
18.2346

■ 11.3052, 7.9876,
15.7312

■ 17.6783, 20.3980,
18.8905

■ 10.7291, 6.8898,
15.3709

■ 19.2844, 23.5529,
19.6026

■ 10.2723, 6.0305,
15.0516

■ 21.0605, 27.0473,
20.3726

9.9260, 5.3916,
14.7702

23.0113, 30.8909,
21.2020

9.6798, 4.9528,
14.5234

25.1416, 35.0930,
22.0924

9.5128, 4.6717,
14.3042

27.4559, 39.6626,
23.0454

9.4494, 4.5665,
14.2168

29.9585, 44.6085,
24.0624

Harmonies

Analogous

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



13.0732, 12.8650, 19.2362



13.8269, 12.8650, 17.0837



14.1511, 12.8650, 14.3027

Triad

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



13.8269, 12.8650, 17.0837



12.3304, 12.8650, 9.3923



10.6634, 12.8650, 16.5111

Complementary

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



13.8269, 12.8650, 17.0837



12.7363, 15.0880, 13.3080

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.



10.4872, 12.8650, 13.7169



13.8269, 12.8650, 17.0837



11.4196, 12.8650, 9.8247

Square

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



13.8269, 12.8650, 17.0837



13.2593, 12.8650, 10.0577



10.7570, 12.8650, 11.3252



11.2512, 12.8650, 18.8765

Rectangle

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



13.8269, 12.8650, 17.0837



14.0681, 12.8650, 12.5443



10.7570, 12.8650, 11.3252



10.5554, 12.8650, 15.5810

Sweetspot

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



13.8273, 12.8656, 17.0840



26.9516, 27.3126, 31.6568



11.8868, 11.8587, 17.2855



6.2061, 6.2639, 7.3083



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



13.8273, 12.8656, 17.0840



24.1017, 21.7571, 30.2617



13.3559, 12.6770, 14.6018



3.5068, 3.4504, 4.1955



10.7164, 5.1789, 16.1141



53.2762, 25.7558, 79.7098

Inverse Universe

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



13.8273, 12.8656, 17.0840



24.1017, 21.7571, 30.2617



13.1696, 15.2614, 15.5897



3.5068, 3.4504, 4.1955



10.7164, 5.1789, 16.1141



53.2762, 25.7558, 79.7098

Previews

White Background



This preview shows how the XYZ color 13.8269, 12.8650, 17.0837 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 13.8269, 12.8650, 17.0837 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 13.8269, 12.8650, 17.0837

Background



This preview shows how black text looks on a background with the XYZ color 13.8269, 12.8650, 17.0837.



This preview shows how white text looks on a background with the XYZ color 13.8269, 12.8650,

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

13.8269, 12.8650, 17.0837

Protanopia

12.6887, 12.9488, 18.0503

Deuteranopia

13.0626, 12.8863, 16.8378



Tritanopia

13.3637, 12.8100, 14.8649

Trichromacy



Original Color

13.8269, 12.8650, 17.0837

Protanomaly

12.9985, 12.8338, 17.7117

Deuteranomaly

13.3283, 12.8852, 16.8235

Tritanomaly

13.5188, 12.8720, 15.6819

Monochromacy



Original Color

13.8269, 12.8650, 17.0837

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.0072, 13.0285, 15.4649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8269, 12.8650, 17.0837 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(113, 95, 112)` looks like.

```
.text, #text, p{  
    color:rgb(113, 95, 112)  
}
```

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(113, 95, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 95, 112) }
```

Border

The CSS property to change the border of an element to XYZ 13.8269, 12.8650, 17.0837 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(113, 95, 112) }
```


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

```
.border{ border-color:rgb(113, 95, 112) }
```

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

Here you see how a box with a 4 pixel rgb(113, 95, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 95, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 95, 112);  
box-shadow:4px 4px 4px 4px rgb(113, 95,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8269, 12.8650, 17.0837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 95, 112) }
```

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

```
.background{ background-color: rgb(113, 95,  
112) }
```

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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