

Converting Colors

XYZ(13.8035, 12.8974, 17.8451)

Have a look what the booklet for
XYZ(13.8035, 12.8974, 17.8451)
contains.

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Color

**XYZ(13.7423, 12.8017,
17.9663)**

Conversions

Conversions Part 1

Format	Color
Hex	6F5F73
RGB	111, 95, 115
RGB Percent	44%, 37%, 45%
CMY	0.5647, 0.6274, 0.5490
CMYK	0.03, 0.17, 0.00, 0.55
HSL	288°, 10%, 41%
HSV	288°, 17%, 45%
XYZ	13.7423, 12.8017, 17.9663
YIQ	102.0640, 3.1160, 9.6120

Conversions

Conversions Part 2

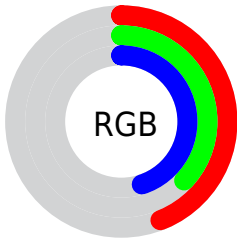
Format	Color
R _Y B	111, 95, 115
Decimal	7298931
CIE Lab	42.46, 10.43, -8.90
CIE LCh	42, 13.713, 319.536
Yxy	12.8017, 0.3087, 0.2876
Android (android.graphics.Color)	4285489011 (0xFF6F5F73)
YUV	102.0640, 6.3774, 7.8369
Hunter-Lab	35.7795, 5.9448, -4.7263

Details

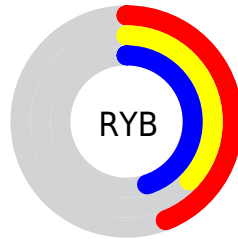
The XYZ color **13.7423, 12.8017, 17.9663** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.3422, 15.7406, 13.1620**, and the grayscale version is **12.6296, 13.2873, 14.4699**.

A 20% lighter version of the original color is **32.2047, 30.8273, 40.8121**, and **4.1613, 3.6586, 5.7971** is the 20% darker color. If you saturate the color by 10%, you get **12.4964, 10.7338, 17.6330**, and if you desaturate by 10%, it is **15.1494, 15.1805, 18.3515**.

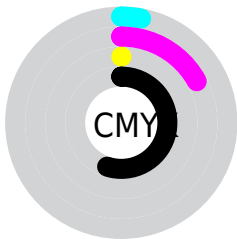
Distribution



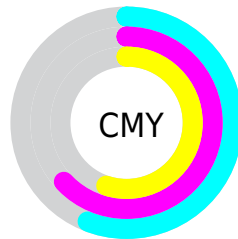
- Red (44%)
- Green (37%)
- Blue (45%)



- Red (44%)
- Yellow (37%)
- Blue (45%)



- Cyan (3%)
- Magenta (17%)
- Yellow (0%)
- Black (55%)



- Cyan (56%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7423, 12.8017, 17.9663 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 13.7423, 12.8017, 17.9663 by changing the saturation by 10% instead.

■ 13.7423, 12.8017,
17.9663

■ 13.7423, 12.8017,
17.9663

209.1646,
209.6429, 252.9108

■ 8.0221, 7.2921,
10.7566

■ 32.2212, 30.9471,
40.7931

■ 4.1610, 3.6455,
5.7913

■ 45.7106, 44.3517,
57.2472

■ 1.7936, 1.4773,
2.6519

■ 62.5205, 61.1567,
77.6199

■ 0.5138, 0.2727,
0.9191

■ 83.0162, 81.7467,
102.3297

■ 0.0000, 0.0000,
0.0000

107.5632,
106.5058, 131.7952

136.5266,

135.8187, 166.4348

170.2720,
170.0695, 206.6671

■ 13.7423, 12.8017,
17.9663

■ 13.7423, 12.8017,
17.9663

■ 12.4964, 10.7338,
17.6330

■ 15.1494, 15.1805,
18.3515

■ 11.4038, 8.9617,
17.3485

■ 16.7228, 17.8810,
18.7898

■ 10.4576, 7.4716,
17.1108

■ 18.4689, 20.9156,
19.2835

■ 9.6501, 6.2479,
16.9172

■ 20.3933, 24.2957,
19.8345

■ 8.9726, 5.2735,
16.7648

■ 22.5015, 28.0319,
20.4446

■ 8.4154, 4.5293,
16.6505

■ 24.7987, 32.1346,
21.1154

■ 7.9677, 3.9933,
16.5707

■ 27.2897, 36.6135,
21.8486

■ 7.6013, 3.6095,
16.5159

■ 29.9794, 41.4780,
22.6458

■ 7.5085, 3.5133,
16.5022

■ 32.8724, 46.7375,
23.5085

Harmonies

Analogous

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



12.8440, 12.8017, 20.0169



13.7423, 12.8017, 17.9663



14.2273, 12.8017, 14.9978

Triad

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



13.7423, 12.8017, 17.9663



12.5320, 12.8017, 9.0597



10.3900, 12.8017, 15.9290

Complementary

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



13.7423, 12.8017, 17.9663



13.3422, 15.7406, 13.1620

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.



10.3170, 12.8017, 12.9310



13.7423, 12.8017, 17.9663



11.5154, 12.8017, 9.2356

Square

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



13.7423, 12.8017, 17.9663



13.5028, 12.8017, 10.0433



10.7181, 12.8017, 10.5633



10.9235, 12.8017, 18.7304

Rectangle

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



13.7423, 12.8017, 17.9663



14.2335, 12.8017, 13.0176



10.7181, 12.8017, 10.5633



10.3120, 12.8017, 14.9027

Sweetspot

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



13.7427, 12.8023, 17.9666



27.7374, 28.2242, 33.0304



12.2761, 12.5949, 18.0038



6.5809, 6.6713, 7.8698



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.



13.7427, 12.8023, 17.9666



23.6456, 21.3170, 31.9128



13.9231, 12.9339, 16.2310



3.7584, 3.7227, 4.6107



8.5664, 4.0075, 18.8646



41.0396, 19.1652, 91.8965

Inverse Universe

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



13.4149, 12.7306, 13.5549



22.9531, 21.1712, 22.3369



13.1994, 15.6342, 14.6344



3.7111, 3.7117, 4.0057



8.2527, 4.2348, 1.2728



39.9637, 20.5356, 4.8720

Previews

White Background



This preview shows how the XYZ color 13.7423, 12.8017, 17.9663 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 13.7423, 12.8017, 17.9663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

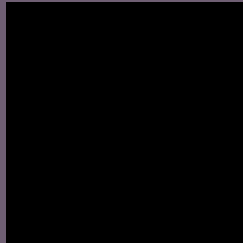
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.7423, 12.8017, 17.9663

Background



This preview shows how black text looks on a background with the XYZ color 13.7423, 12.8017, 17.9663.



This preview shows how white text looks on a background with the XYZ color 13.7423, 12.8017,

17.9663.

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

13.7423, 12.8017, 17.9663

Protanopia

12.6616, 12.7731, 18.9377

Deuteranopia

12.9985, 12.8338, 17.7117



Tritanopia

13.0801, 12.8001, 14.8780

Trichromacy



Original Color

13.7423, 12.8017, 17.9663

Protanomaly

13.0581, 12.8445, 18.6206

Deuteranomaly

13.2558, 12.8285, 17.6971

Tritanomaly

13.3201, 12.7634, 15.9489

Monochromacy



Original Color

13.7423, 12.8017, 17.9663

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.9414, 12.9885, 15.7349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7423, 12.8017, 17.9663 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(111, 95, 115)` looks like.

```
.text, #text, p{  
    color:rgb(111, 95, 115)  
}
```

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(111, 95, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 95, 115) }
```

Border

The CSS property to change the border of an element to XYZ 13.7423, 12.8017, 17.9663 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(111, 95, 115) }
```


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

```
.border{ border-color:rgb(111, 95, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 95, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 95, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 95, 115);  
box-shadow:4px 4px 4px 4px rgb(111, 95,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7423, 12.8017, 17.9663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 95, 115) }
```

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

```
.background{ background-color: rgb(111, 95,  
115) }
```

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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