

Converting Colors

XYZ(13.9228, 14.2388, 17.4022)

Have a look what the booklet for
XYZ(13.9228, 14.2388, 17.4022)
contains.

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Color

**XYZ(13.8188, 14.1347,
17.3292)**

Conversions

Conversions Part 1

Format	Color
Hex	6A6870
RGB	106, 104, 112
RGB Percent	42%, 41%, 44%
CMY	0.5843, 0.5921, 0.5608
CMYK	0.05, 0.07, 0.00, 0.56
HSL	255°, 4%, 42%
HSV	255°, 7%, 44%
XYZ	13.8188, 14.1347, 17.3292
YIQ	105.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

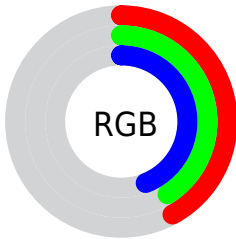
Format	Color
R _Y B	106, 104, 112
Decimal	6973552
CIE Lab	44.43, 2.46, -4.20
CIE LCh	44, 4.870, 300.334
Yxy	14.1347, 0.3052, 0.3121
Android (android.graphics.Color)	4285163632 (0xFF6A6870)
YUV	105.5100, 3.1996, 0.4297
Hunter-Lab	37.5961, -0.1840, -1.0113

Details

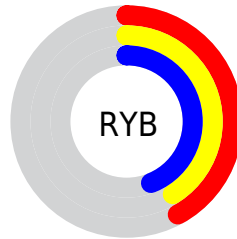
The XYZ color **13.8188, 14.1347, 17.3292** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7239, 15.9033, 15.3911**, and the grayscale version is **13.5579, 14.2640, 15.5335**.

A 20% lighter version of the original color is **32.3268, 33.2911, 39.8440**, and **4.1922, 4.2262, 5.4453** is the 20% darker color. If you saturate the color by 10%, you get **11.8155, 11.5384, 16.9339**, and if you desaturate by 10%, it is **16.0706, 17.0822, 17.7797**.

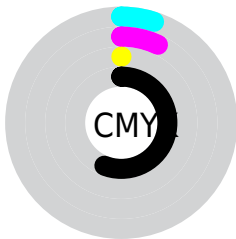
Distribution



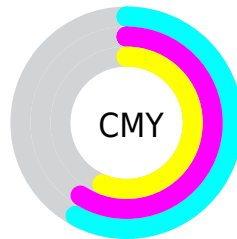
- Red (42%)
- Green (41%)
- Blue (44%)



- Red (42%)
- Yellow (41%)
- Blue (44%)



- Cyan (5%)
- Magenta (7%)
- Yellow (0%)
- Black (56%)



- Cyan (58%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8188, 14.1347, 17.3292 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 13.8188, 14.1347, 17.3292 by changing the saturation by 10% instead.

■ 13.8188, 14.1347,
17.3292

■ 13.8188, 14.1347,
17.3292

209.6339,
218.0672, 249.1702

■ 8.0756, 8.2144,
10.3050

■ 32.3561, 33.3278,
39.6893

■ 4.1956, 4.2325,
5.4934

■ 45.8810, 47.3695,
55.8623

■ 1.8134, 1.8044,
2.4758

■ 62.7304, 64.8870,
75.9221

■ 0.5257, 0.4899,
0.8273

■ 83.2698, 86.2649,
100.2870

■ 0.0000, 0.0000,
0.0000

107.8645,
111.8874, 129.3758

136.8798,

142.1391, 163.6069

170.6812,
177.4042, 203.3989

■ 13.8188, 14.1347,
17.3292

■ 13.8188, 14.1347,
17.3292

■ 11.8155, 11.5384,
16.9339

■ 16.0706, 17.0822,
17.7797

■ 10.0507, 9.2782,
16.5906

■ 18.5778, 20.3915,
18.2863

■ 8.5157, 7.3409,
16.2976

■ 21.3488, 24.0751,
18.8512

■ 7.2007, 5.7114,
16.0524

■ 24.3909, 28.1443,
19.4763

■ 6.0952, 4.3735,
15.8524

■ 27.7114, 32.6099,
20.1633

■ 5.1879, 3.3096,
15.6949

■ 31.3172, 37.4822,
20.9137

■ 4.4660, 2.4998,
15.5766

■ 35.2149, 42.7713,
21.7291

■ 3.9155, 1.9219,
15.4941

■ 39.4111, 48.4868,
22.6112

■ 3.5059, 1.5211,
15.4383

■ 43.9120, 54.6381,
23.5613

Harmonies

Analogous

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



13.4390, 14.1347, 17.6509



13.8188, 14.1347, 17.3292



14.1001, 14.1347, 16.4834

Triad

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



13.8188, 14.1347, 17.3292



13.8111, 14.1347, 13.5901



12.6950, 14.1347, 15.4029

Complementary

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



13.8188, 14.1347, 17.3292



14.7239, 15.9033, 15.3911

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.



12.7904, 14.1347, 14.3466



13.8188, 14.1347, 17.3292



13.4302, 14.1347, 13.3314

Square

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



13.8188, 14.1347, 17.3292



14.0956, 14.1347, 14.3258



13.0576, 14.1347, 13.6017



12.7946, 14.1347, 16.5062

Rectangle

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



13.8188, 14.1347, 17.3292



14.1913, 14.1347, 15.7555



13.0576, 14.1347, 13.6017



12.7053, 14.1347, 15.0307

Sweetspot

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



13.8192, 14.1353, 17.3295



26.2339, 27.3880, 30.8335



14.2244, 15.2940, 17.5318



6.3179, 6.5998, 7.4106



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.



13.8192, 14.1353, 17.3295



23.5037, 23.8260, 30.2899



14.2893, 14.3776, 17.3515



3.2885, 3.3370, 4.2250



3.9146, 1.6275, 17.8294



18.8154, 7.7540, 88.7841

Inverse Universe

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



14.4475, 14.4719, 16.7847



24.9153, 24.5825, 29.0555



14.2531, 15.6606, 15.3691



3.4805, 3.4399, 4.0572



9.5668, 4.7191, 10.0607



47.2987, 23.3648, 48.2325

Previews

White Background



This preview shows how the XYZ color 13.8188, 14.1347, 17.3292 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 13.8188, 14.1347, 17.3292 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

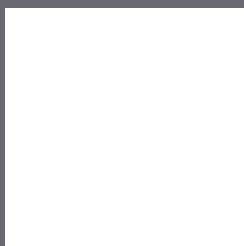
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.8188, 14.1347, 17.3292

Background



This preview shows how black text looks on a background with the XYZ color 13.8188, 14.1347, 17.3292.



This preview shows how white text looks on a background with the XYZ color 13.8188, 14.1347,

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

13.8188, 14.1347, 17.3292

Protanopia

13.7006, 14.0737, 17.3236

Deuteranopia

14.3581, 14.1173, 17.2974



Tritanopia

13.8188, 14.1347, 17.3292

Trichromacy

**Original Color**

13.8188, 14.1347, 17.3292

Protanomaly

13.7006, 14.0737, 17.3236

Deuteranomaly

14.2053, 14.1853, 17.3186

Tritanomaly

13.8188, 14.1347, 17.3292

Monochromacy

**Original Color**

13.8188, 14.1347, 17.3292

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.7022, 14.2500, 16.2157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8188, 14.1347, 17.3292 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(106, 104, 112)` looks like.

```
.text, #text, p{  
    color:rgb(106, 104, 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(106, 104, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 104, 112) }
```

Border

The CSS property to change the border of an element to XYZ 13.8188, 14.1347, 17.3292 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(106, 104, 112) }
```


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

```
.border{ border-color:rgb(106, 104, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 104, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 104, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 104, 112);  
box-shadow:4px 4px 4px 4px rgb(106, 104,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8188, 14.1347, 17.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 104, 112) }
```

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

```
.background{ background-color: rgb(106,  
104, 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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