

Converting Colors

XYZ(13.8271, 13.3143, 17.2065)

Have a look what the booklet for
XYZ(13.8271, 13.3143, 17.2065)
contains.

XYZ(13.8479, 13.2847, 17.1636)	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(13.8479, 13.2847,
17.1636)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6270
RGB	111, 98, 112
RGB Percent	44%, 38%, 44%
CMY	0.5647, 0.6157, 0.5608
CMYK	0.01, 0.12, 0.00, 0.56
HSL	296°, 7%, 41%
HSV	296°, 12%, 44%
XYZ	13.8479, 13.2847, 17.1636
YIQ	103.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

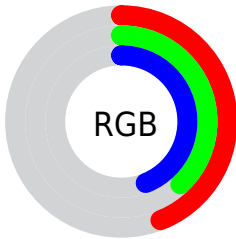
Format	Color
R_{YB}	111, 98, 112
Decimal	7299696
CIE Lab	43.19, 7.97, -5.99
CIE LCh	43, 9.972, 323.090
Yxy	13.2847, 0.3126, 0.2999
Android (android.graphics.Color)	4285489776 (0xFF6F6270)
YUV	103.4830, 4.1989, 6.5924
Hunter-Lab	36.4482, 4.0339, -2.4062

Details

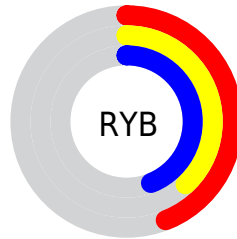
The XYZ color **13.8479, 13.2847, 17.1636** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.1448, 15.1231, 13.7821**, and the grayscale version is **13.0091, 13.6866, 14.9047**.

A 20% lighter version of the original color is **32.5525, 31.9618, 39.5755**, and **4.2033, 3.8829, 5.3784** is the 20% darker color. If you saturate the color by 10%, you get **12.7724, 11.2822, 16.8340**, and if you desaturate by 10%, it is **15.0717, 15.5821, 17.5427**.

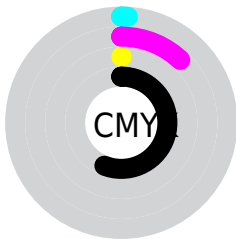
Distribution



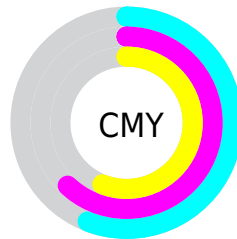
- Red (44%)
- Green (38%)
- Blue (44%)



- Red (44%)
- Yellow (38%)
- Blue (44%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (56%)



- Cyan (56%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8479, 13.2847, 17.1636 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 13.8479, 13.2847, 17.1636 by changing the saturation by 10% instead.

■ 13.8479, 13.2847,
17.1636

■ 13.8479, 13.2847,
17.1636

209.8122,
212.7343, 248.1892

■ 8.0959, 7.6249,
10.1880

■ 32.4074, 31.8143,
39.4013

■ 4.2087, 3.8559,
5.4166

■ 45.9457, 45.4529,
55.5006

■ 1.8209, 1.5933,
2.4307

■ 62.8102, 62.5199,
75.4781

■ 0.5302, 0.3531,
0.8031

■ 83.3661, 83.3996,
99.7525

■ 0.0000, 0.0000,
0.0000

107.9789,
108.4766, 128.7423

137.0140,

138.1350, 162.8659

170.8366,
172.7595, 202.5421

■ 13.8479, 13.2847,
17.1636

■ 13.8479, 13.2847,
17.1636

■ 12.7724, 11.2822,
16.8340

■ 15.0717, 15.5821,
17.5427

■ 11.8380, 9.5609,
16.5510

■ 16.4484, 18.1841,
17.9724

■ 11.0387, 8.1082,
16.3127

■ 17.9838, 21.1021,
18.4547

■ 10.3674, 6.9103,
16.1169

■ 19.6830, 24.3464,
18.9914

■ 9.8165, 5.9519,
15.9609

■ 21.5509, 27.9268,
19.5840

■ 9.3776, 5.2162,
15.8420

■ 23.5922, 31.8526,
20.2342

■ 9.0411, 4.6840,
15.7570

■ 25.8115, 36.1330,
20.9434

■ 8.7952, 4.3316,
15.7020

■ 28.2130, 40.7765,
21.7131

■ 8.6341, 4.1132,
15.6683

■ 30.8010, 45.7916,
22.5447

Harmonies

Analogous

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



13.2163, 13.2847, 18.7264



13.8479, 13.2847, 17.1636



14.1543, 13.2847, 14.9809

Triad

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



13.8479, 13.2847, 17.1636



12.8057, 13.2847, 10.6505



11.3132, 13.2847, 16.1922

Complementary

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



13.8479, 13.2847, 17.1636



13.1448, 15.1231, 13.7821

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.



11.2132, 13.2847, 13.9606



13.8479, 13.2847, 17.1636



12.0549, 13.2847, 10.9044

Square

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



13.8479, 13.2847, 17.1636



13.5369, 13.2847, 11.3324



11.4795, 13.2847, 12.0648



11.7583, 13.2847, 18.1269

Rectangle

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



13.8479, 13.2847, 17.1636



14.1244, 13.2847, 13.5256



11.4795, 13.2847, 12.0648



11.2388, 13.2847, 15.4465

Sweetspot

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



13.8483, 13.2853, 17.1639



26.1139, 26.6898, 30.7051



12.4398, 12.7224, 17.1295



6.2403, 6.3491, 7.3663



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.



13.8483, 13.2853, 17.1639



23.7545, 22.2680, 29.9759



13.6604, 13.2247, 15.5142



3.4921, 3.4420, 4.2345



9.9736, 4.7510, 18.1130



49.3764, 23.5088, 90.2144

Inverse Universe

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



13.3023, 13.0815, 13.6287



22.5982, 21.8371, 22.4608



13.3218, 15.1814, 15.2810



3.3933, 3.4050, 3.5977



7.7718, 4.0011, 0.6084



38.5877, 19.8804, 2.3613

Previews

White Background



This preview shows how the XYZ color 13.8479, 13.2847, 17.1636 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 13.8479, 13.2847, 17.1636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

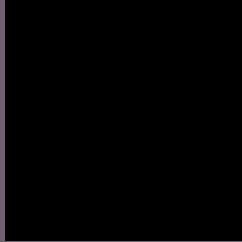
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.8479, 13.2847, 17.1636

Background



This preview shows how black text looks on a background with the XYZ color 13.8479, 13.2847, 17.1636.



This preview shows how white text looks on a background with the XYZ color 13.8479, 13.2847,

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

13.8479, 13.2847, 17.1636

Protanopia

12.9465, 13.2316, 17.7912

Deuteranopia

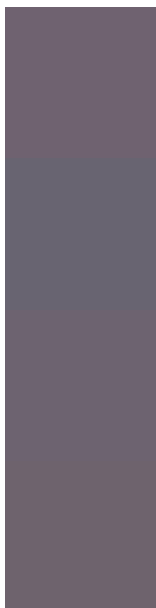
13.5708, 13.2817, 17.1776



Tritanopia

13.5461, 13.3002, 15.7632

Trichromacy



Original Color

13.8479, 13.2847, 17.1636

Protanomaly

13.2467, 13.2497, 17.4820

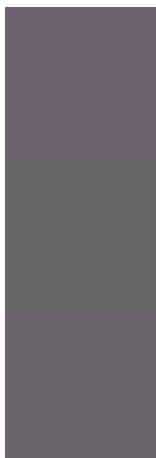
Deuteranomaly

13.6931, 13.3447, 17.1833

Tritanomaly

13.6526, 13.3428, 16.3238

Monochromacy



Original Color

13.8479, 13.2847, 17.1636

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.1991, 13.4121, 15.5288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8479, 13.2847, 17.1636 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, 98, 112)` looks like.

```
.text, #text, p{  
    color:rgb(111, 98, 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(111, 98, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 98, 112) }
```

Border

The CSS property to change the border of an element to XYZ 13.8479, 13.2847, 17.1636 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, 98, 112) }
```


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

```
.border{ border-color:rgb(111, 98, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 98, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 98, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 98, 112); box-shadow:4px 4px 4px 4px rgb(111, 98, 112) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8479, 13.2847, 17.1636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 98, 112) }
```

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

```
.background{ background-color: rgb(111, 98,  
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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