

Converting Colors

XYZ(17.0061, 16.2908, 27.4926)

Have a look what the booklet for
XYZ(17.0061, 16.2908, 27.4926)
contains.

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Color

**XYZ(17.0864, 16.3711,
27.4587)**

Conversions

Conversions Part 1

Format	Color
Hex	716D8D
RGB	113, 109, 141
RGB Percent	44%, 43%, 55%
CMY	0.5569, 0.5725, 0.4471
CMYK	0.20, 0.23, 0.00, 0.45
HSL	247°, 13%, 49%
HSV	247°, 23%, 55%
XYZ	17.0864, 16.3711, 27.4587
YIQ	113.8440, -7.8880, 10.8000

Conversions

Conversions Part 2

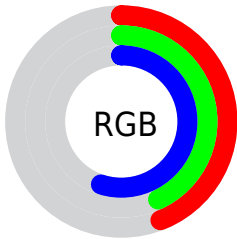
Format	Color
R _Y B	113, 109, 141
Decimal	7433613
CIE Lab	47.46, 8.67, -16.95
CIE LCh	47, 19.035, 297.079
Yxy	16.3711, 0.2805, 0.2687
Android (android.graphics.Color)	4285623693 (0xFF716D8D)
YUV	113.8440, 13.3879, -0.7402
Hunter-Lab	40.4612, 4.5718, -11.9139

Details

The XYZ color **17.0864, 16.3711, 27.4587** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.6023, 25.4727, 18.1942**, and the grayscale version is **15.9108, 16.7394, 18.2292**.

A 20% lighter version of the original color is **37.9382, 37.0811, 56.7876**, and **5.7253, 5.2906, 10.6170** is the 20% darker color. If you saturate the color by 10%, you get **14.2204, 12.8373, 26.9279**, and if you desaturate by 10%, it is **20.4106, 20.5001, 28.0807**.

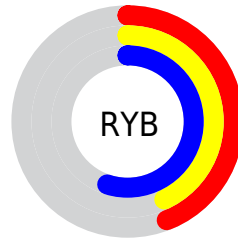
Distribution



Red (44%)

Green (43%)

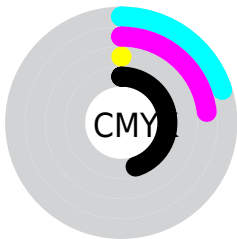
Blue (55%)



Red (44%)

Yellow (43%)

Blue (55%)

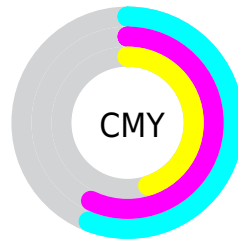


Cyan (20%)

Magenta (23%)

Yellow (0%)

Black (45%)



Cyan (56%)

Magenta (57%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0864, 16.3711, 27.4587 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 17.0864, 16.3711, 27.4587 by changing the saturation by 10% instead.

■ 17.0864, 16.3711,
27.4587

■ 17.0864, 16.3711,
27.4587

228.8163,
231.5217, 303.7014

■ 10.3918, 9.7871,
17.6825

■ 38.0167, 37.2413,
56.6317

■ 5.7237, 5.2580,
10.5552

■ 52.9831, 52.2962,
76.8657

■ 2.7169, 2.3995,
5.6582

■ 71.4374, 70.9437,
101.4226

■ 1.0059, 0.8256,
2.5730

■ 93.7451, 93.5680,
130.7211

■ 0.0000, 0.0000,
0.8785

120.2715,
120.5535, 165.1797

■ 0.0000, 0.0000,
0.0000

151.3819,

152.2847, 205.2169

187.4418,
189.1460, 251.2513

■ 17.0864, 16.3711,
27.4587

■ 17.0864, 16.3711,
27.4587

■ 14.2204, 12.8373,
26.9279

■ 20.4106, 20.5001,
28.0807

■ 11.7909, 9.8693,
26.4831

■ 24.2102, 25.2480,
28.7969

■ 9.7767, 7.4381,
26.1200

■ 28.5037, 30.6395,
29.6113

■ 8.1544, 5.5115,
25.8336

■ 33.3080, 36.6975,
30.5274

■ 6.8980, 4.0536,
25.6184

■ 38.6390, 43.4437,
31.5486

■ 5.9784, 3.0239,
25.4682

■ 44.5122, 50.8988,
32.6780

■ 5.3620, 2.3748,
25.3754

■ 50.9423, 59.0828,
33.9188

■ 5.0502, 2.0481,
25.3287

■ 57.9435, 68.0146,
35.2738

■ 65.5295, 77.7127,
36.7459

Harmonies

Analogous

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



15.3953, 16.3711, 28.8249



17.0864, 16.3711, 27.4587



18.4496, 16.3711, 23.3749

Triad

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



17.0864, 16.3711, 27.4587



17.3934, 16.3711, 11.1006



12.5361, 16.3711, 17.3554

Complementary

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



17.0864, 16.3711, 27.4587



22.6023, 25.4727, 18.1942

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.



12.9895, 16.3711, 13.2320



17.0864, 16.3711, 27.4587



15.7264, 16.3711, 10.0546

Square

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



17.0864, 16.3711, 27.4587



18.6357, 16.3711, 13.9167



14.1278, 16.3711, 10.7585



12.8433, 16.3711, 22.4048

Rectangle

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



17.0864, 16.3711, 27.4587



18.9462, 16.3711, 19.9877



14.1278, 16.3711, 10.7585



12.6038, 16.3711, 15.8248

Sweetspot

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



17.0869, 16.3718, 27.4591



40.2163, 41.2854, 50.9771



20.0985, 23.1420, 28.6071



8.9092, 9.1297, 11.3721



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.0869, 16.3718, 27.4591



27.9916, 26.0967, 48.6897



19.2897, 17.5074, 27.5622



5.1884, 5.2853, 6.7755



4.6129, 1.8716, 23.0952



0.0539, 0.0229, 0.2213

Inverse Universe

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



20.9691, 18.4069, 26.1154



36.1767, 30.3895, 45.7661



20.2083, 24.2385, 18.0822



5.5977, 5.4996, 6.6452



13.3014, 6.4776, 17.7703



0.1324, 0.0640, 0.1976

Previews

White Background



This preview shows how the XYZ color 17.0864, 16.3711, 27.4587 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 17.0864, 16.3711, 27.4587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

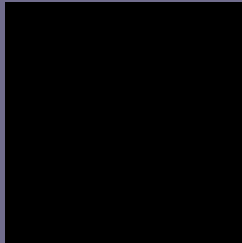
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.0864, 16.3711, 27.4587

Background



This preview shows how black text looks on a background with the XYZ color 17.0864, 16.3711, 27.4587.



This preview shows how white text looks on a background with the XYZ color 17.0864, 16.3711,

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

17.0864, 16.3711, 27.4587

Protanopia

16.4681, 16.3553, 28.2755

Deuteranopia

16.6903, 16.3262, 27.4709



Tritanopia

15.6630, 16.4419, 20.4372

Trichromacy



Original Color

17.0864, 16.3711, 27.4587

Protanomaly

16.6428, 16.2930, 27.8589

Deuteranomaly

16.8141, 16.3899, 27.4767

Tritanomaly

16.1209, 16.4619, 22.7499

Monochromacy



Original Color

17.0864, 16.3711, 27.4587

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.3717, 16.6210, 21.4141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0864, 16.3711, 27.4587 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, 109, 141)` looks like.

```
.text, #text, p{  
    color:rgb(113, 109, 141)  
}
```

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, 109, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 109, 141) }
```

Border

The CSS property to change the border of an element to XYZ 17.0864, 16.3711, 27.4587 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, 109, 141) }
```


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

```
.border{ border-color:rgb(113, 109, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 109, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 109, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 109, 141);  
box-shadow:4px 4px 4px 4px rgb(113, 109,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0864, 16.3711, 27.4587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 109, 141) }
```

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

```
.background{ background-color: rgb(113,  
109, 141) }
```

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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