

Converting Colors

XYZ(18.2886, 15.7724, 27.6716)

Have a look what the booklet for
XYZ(18.2886, 15.7724, 27.6716)
contains.

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Color

**XYZ(18.2886, 15.7724,
27.6716)**

Conversions

Conversions Part 1

Format	Color
Hex	7F658E
RGB	127, 101, 142
RGB Percent	50%, 40%, 56%
CMY	0.5020, 0.6039, 0.4431
CMYK	0.11, 0.29, 0.00, 0.44
HSL	278°, 17%, 48%
HSV	278°, 29%, 56%
XYZ	18.2886, 15.7724, 27.6716
YIQ	113.4480, 2.3350, 18.2630

Conversions

Conversions Part 2

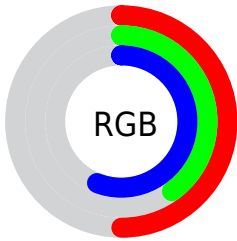
Format	Color
R_{YB}	127, 101, 142
Decimal	8349070
CIE _{Lab}	46.67, 18.51, -18.62
CIE _{LCh}	47, 26.258, 314.823
Yxy	15.7724, 0.2963, 0.2555
Android (android.graphics.Color)	4286539150 (0xFF7F658E)
YUV	113.4480, 14.0761, 11.8851
Hunter-Lab	39.7145, 12.6993, -13.5110

Details

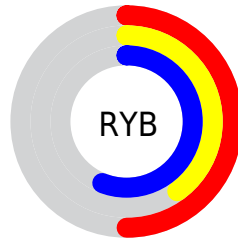
The XYZ color **18.2886, 15.7724, 27.6716** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.2249, 23.9989, 15.9316**, and the grayscale version is **15.7886, 16.6108, 18.0892**.

A 20% lighter version of the original color is **40.0144, 36.1453, 57.0923**, and **6.3115, 4.9888, 10.7555** is the 20% darker color. If you saturate the color by 10%, you get **16.2734, 12.8610, 27.2161**, and if you desaturate by 10%, it is **20.5829, 19.1822, 28.2091**.

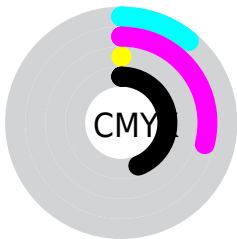
Distribution



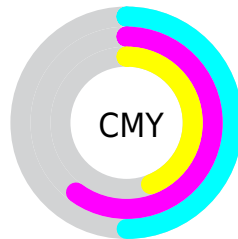
- Red (50%)
- Green (40%)
- Blue (56%)



- Red (50%)
- Yellow (40%)
- Blue (56%)



- Cyan (11%)
- Magenta (29%)
- Yellow (0%)
- Black (44%)



- Cyan (50%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2886, 15.7724, 27.6716 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 18.2886, 15.7724, 27.6716 by changing the saturation by 10% instead.

■ 18.2886, 15.7724,
27.6716

■ 18.2886, 15.7724,
27.6716

235.5070,
227.9949, 304.7568

■ 11.2583, 9.3632,
17.8414

■ 40.0547, 36.2026,
56.9765

■ 6.3094, 4.9789,
10.6679

■ 55.5213, 50.9925,
77.2882

■ 3.0766, 2.2349,
5.7326

■ 74.5306, 69.3447,
101.9309

■ 1.1944, 0.7389,
2.6171

■ 97.4482, 91.6437,
131.3230

■ 0.1019, 0.0000,
0.9012

124.6392,
118.2738, 165.8831

■ 0.0000, 0.0000,
0.0000

156.4691,

149.6194, 206.0297

193.3033,
186.0650, 252.1814

■ 18.2886, 15.7724,
27.6716

■ 18.2886, 15.7724,
27.6716

■ 16.2734, 12.8610,
27.2161

■ 20.5829, 19.1822,
28.2091

■ 14.5231, 10.4211,
26.8374

■ 23.1668, 23.1114,
28.8313

■ 13.0240, 8.4265,
26.5314

■ 26.0520, 27.5823,
29.5422

■ 11.7610, 6.8473,
26.2932

■ 29.2491, 32.6152,
30.3451

■ 10.7166, 5.6499,
26.1171

■ 32.7681, 38.2293,
31.2433

■ 9.8710, 4.7954,
25.9967

■ 36.6187, 44.4430,
32.2397

■ 9.1785, 4.1935,
25.9170

■ 40.8098, 51.2739,
33.3373

■ 9.1038, 4.1292,
25.9086

■ 45.3504, 58.7387,
34.5389

■ 50.2489, 66.8536,
35.8470

Harmonies

Analogous

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



16.1376, 15.7724, 32.3417



18.2886, 15.7724, 27.6716



19.6182, 15.7724, 20.6640

Triad

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



18.2886, 15.7724, 27.6716



16.1650, 15.7724, 7.7030



11.1500, 15.7724, 20.5795

Complementary

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



18.2886, 15.7724, 27.6716



19.2249, 23.9989, 15.9316

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.



11.1557, 15.7724, 14.1000



18.2886, 15.7724, 27.6716



13.9004, 15.7724, 7.6912

Square

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



18.2886, 15.7724, 27.6716



18.3104, 15.7724, 9.7738



12.1160, 15.7724, 9.7362



12.0995, 15.7724, 27.5965

Rectangle

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



18.2886, 15.7724, 27.6716



19.7826, 15.7724, 16.1422



12.1160, 15.7724, 9.7362



11.0436, 15.7724, 18.2477

Sweetspot

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



18.2891, 15.7731, 27.6719



40.7006, 40.5216, 50.8042



16.4991, 17.2188, 28.0453



8.9524, 8.8388, 11.3137



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.



18.2891, 15.7731, 27.6719



29.7625, 24.2016, 48.2306



20.2914, 16.8515, 25.6753



5.4375, 5.4137, 6.7871



8.1944, 3.7180, 23.2628



0.1026, 0.0481, 0.2235

Inverse Universe

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



18.9619, 16.3197, 18.6742



31.2554, 25.3944, 29.1811



17.6662, 23.1634, 17.3038



5.4853, 5.4547, 6.0539



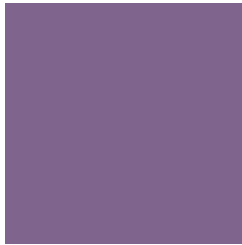
10.5796, 5.3889, 3.4377



0.1111, 0.0555, 0.0852

Previews

White Background



This preview shows how the XYZ color 18.2886, 15.7724, 27.6716 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 18.2886, 15.7724, 27.6716 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 18.2886, 15.7724, 27.6716

Background



This preview shows how black text looks on a background with the XYZ color 18.2886, 15.7724, 27.6716.



This preview shows how white text looks on a background with the XYZ color 18.2886, 15.7724,

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

18.2886, 15.7724, 27.6716

Protanopia

16.0695, 15.7847, 30.2168

Deuteranopia

16.1461, 15.8949, 27.0280



Tritanopia

16.4169, 15.7568, 18.3958

Trichromacy



Original Color

18.2886, 15.7724, 27.6716

Protanomaly

16.7727, 15.6984, 29.3402

Deuteranomaly

16.9012, 15.8086, 27.3599

Tritanomaly

16.9642, 15.6664, 21.5318

Monochromacy



Original Color

18.2886, 15.7724, 27.6716

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.5779, 16.2441, 21.3304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2886, 15.7724, 27.6716 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(127, 101, 142)` looks like.

```
.text, #text, p{  
    color:rgb(127, 101, 142)  
}
```

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(127, 101, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 101, 142) }
```

Border

The CSS property to change the border of an element to XYZ 18.2886, 15.7724, 27.6716 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(127, 101, 142) }
```


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

```
.border{ border-color:rgb(127, 101, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 101, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 101, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 101, 142);  
box-shadow:4px 4px 4px 4px rgb(127, 101,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2886, 15.7724, 27.6716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 101, 142) }
```

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

```
.background{ background-color: rgb(127,  
101, 142) }
```

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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