

Converting Colors

XYZ(18.1875, 14.8047, 27.3045)

Have a look what the booklet for
XYZ(18.1875, 14.8047, 27.3045)
contains.

XYZ(18.2453, 14.7837, 27.4831)	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(18.2453, 14.7837,
27.4831)**

Conversions

Conversions Part 1

Format	Color
Hex	835E8E
RGB	131, 94, 142
RGB Percent	51%, 37%, 56%
CMY	0.4863, 0.6314, 0.4431
CMYK	0.08, 0.34, 0.00, 0.44
HSL	286°, 20%, 46%
HSV	286°, 34%, 56%
XYZ	18.2453, 14.7837, 27.4831
YIQ	110.5350, 6.6440, 22.7720

Conversions

Conversions Part 2

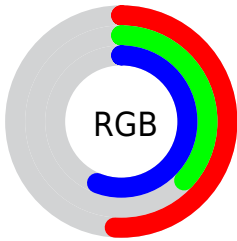
Format	Color
R_{YB}	131, 94, 142
Decimal	8609422
CIE Lab	45.34, 24.05, -20.64
CIE LCh	45, 31.693, 319.358
Yxy	14.7837, 0.3015, 0.2443
Android (android.graphics.Color)	4286799502 (0xFF835E8E)
YUV	110.5350, 15.5122, 17.9478
Hunter-Lab	38.4496, 17.4160, -15.4648

Details

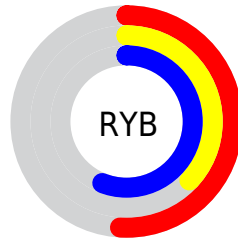
The XYZ color **18.2453, 14.7837, 27.4831** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.5195, 23.1578, 14.1369**, and the grayscale version is **14.9307, 15.7082, 17.1062**.

A 20% lighter version of the original color is **40.0968, 34.5506, 56.7802**, and **6.3416, 4.5551, 10.6702** is the 20% darker color. If you saturate the color by 10%, you get **16.6009, 12.2311, 27.0773**, and if you desaturate by 10%, it is **20.1388, 17.8103, 27.9677**.

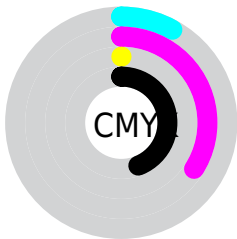
Distribution



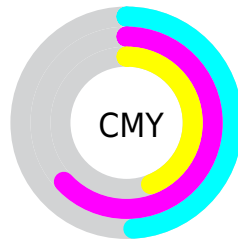
- Red (51%)
- Green (37%)
- Blue (56%)



- Red (51%)
- Yellow (37%)
- Blue (56%)



- Cyan (8%)
- Magenta (34%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (63%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2453, 14.7837, 27.4831 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 18.2453, 14.7837, 27.4831 by changing the saturation by 10% instead.

■ 18.2453, 14.7837,
27.4831

■ 18.2453, 14.7837,
27.4831

235.2690,
222.0533, 303.8225

■ 11.2270, 8.6677,
17.7007

■ 39.9817, 34.4733,
56.6712

■ 6.2881, 4.5251,
10.5681

■ 55.4305, 48.8157,
76.9141

■ 3.0634, 1.9714,
5.6667

■ 74.4201, 66.6690,
101.4809

■ 1.1874, 0.5908,
2.5780

■ 97.3160, 88.4176,
130.7901

■ 0.0964, 0.0000,
0.8811

124.4835,
114.4460, 165.2604

■ 0.0000, 0.0000,
0.0000

156.2879,

145.1384, 205.3102

193.0946,
180.8794, 251.3580

■ 18.2453, 14.7837,
27.4831

■ 18.2453, 14.7837,
27.4831

■ 16.6009, 12.2311,
27.0773

■ 20.1388, 17.8103,
27.9677

■ 15.1913, 10.1251,
26.7451

■ 22.2919, 21.3328,
28.5341

■ 14.0028, 8.4383,
26.4821

■ 24.7162, 25.3737,
29.1863

■ 13.0196, 7.1393,
26.2832

■ 27.4222, 29.9538,
29.9278

■ 12.2239, 6.1925,
26.1424

■ 30.4197, 35.0926,
30.7617

■ 11.5938, 5.5546,
26.0525

■ 33.7181, 40.8087,
31.6912

■ 11.2459, 5.2335,
26.0089

■ 37.3263, 47.1199,
32.7192

■ 41.2531, 54.0431,
33.8485

■ 45.5065, 61.5945,
35.0819

Harmonies

Analogous

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



15.7939, 14.7837, 33.9759



18.2453, 14.7837, 27.4831



19.6260, 14.7837, 18.9203

Triad

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



18.2453, 14.7837, 27.4831



15.0055, 14.7837, 5.6515



9.8027, 14.7837, 21.3864

Complementary

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



18.2453, 14.7837, 27.4831



17.5195, 23.1578, 14.1369

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.



9.6472, 14.7837, 13.5694



18.2453, 14.7837, 27.4831



12.4421, 14.7837, 5.9395

Square

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



18.2453, 14.7837, 27.4831



17.6066, 14.7837, 7.4233



10.5552, 14.7837, 8.3909



11.0103, 14.7837, 29.7652

Rectangle

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



18.2453, 14.7837, 27.4831



19.6506, 14.7837, 13.8565



10.5552, 14.7837, 8.3909



9.6319, 14.7837, 18.5667

Sweetspot

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



18.2458, 14.7843, 27.4834



40.7896, 40.0714, 50.7126



14.5711, 14.4773, 27.6178



8.9958, 8.7595, 11.2961



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.



18.2458, 14.7843, 27.4834



29.8060, 22.3824, 47.8772



19.1342, 15.3471, 22.7929



5.5071, 5.4496, 6.7904



10.1135, 4.7073, 23.3526



0.1157, 0.0548, 0.2242

Inverse Universe

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



17.7083, 14.7767, 15.2840



28.8067, 22.4300, 22.4060



16.9329, 22.7834, 17.3606



5.4564, 5.4431, 5.9013



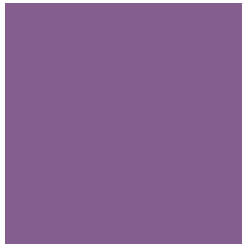
10.2628, 5.2621, 1.7691



0.1054, 0.0532, 0.0551

Previews

White Background



This preview shows how the XYZ color 18.2453, 14.7837, 27.4831 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 18.2453, 14.7837, 27.4831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

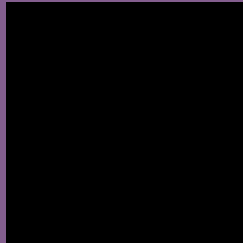
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.2453, 14.7837, 27.4831

Background



This preview shows how black text looks on a background with the XYZ color 18.2453, 14.7837, 27.4831.



This preview shows how white text looks on a background with the XYZ color 18.2453, 14.7837,

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

18.2453, 14.7837, 27.4831

Protanopia

15.3560, 14.9221, 31.3491

Deuteranopia

15.2545, 14.9682, 26.8961



Tritanopia

16.0182, 14.8471, 16.4895

Trichromacy



Original Color

18.2453, 14.7837, 27.4831

Protanomaly

16.1601, 14.7667, 30.0155

Deuteranomaly

16.2412, 14.8706, 27.2136

Tritanomaly

16.7210, 14.7050, 20.0462

Monochromacy



Original Color

18.2453, 14.7837, 27.4831

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.0356, 15.3598, 20.5319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2453, 14.7837, 27.4831 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(131, 94, 142)` looks like.

```
.text, #text, p{  
    color:rgb(131, 94, 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(131, 94, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 94, 142) }
```

Border

The CSS property to change the border of an element to XYZ 18.2453, 14.7837, 27.4831 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(131, 94, 142) }
```


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

```
.border{ border-color:rgb(131, 94, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 94, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 94, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 94, 142);  
box-shadow:4px 4px 4px 4px rgb(131, 94,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2453, 14.7837, 27.4831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 94, 142) }
```

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

```
.background{ background-color: rgb(131, 94,  
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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