

Converting Colors

XYZ(14.5132, 9.5746, 18.5307)

Have a look what the booklet for
XYZ(14.5132, 9.5746, 18.5307)
contains.

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Color

**XYZ(14.5142, 9.5749,
18.5359)**

Conversions

Conversions Part 1

Format	Color
Hex	843D77
RGB	132, 61, 119
RGB Percent	52%, 24%, 47%
CMY	0.4824, 0.7608, 0.5333
CMYK	0.00, 0.54, 0.10, 0.48
HSL	311°, 37%, 38%
HSV	311°, 54%, 52%
XYZ	14.5142, 9.5749, 18.5359
YIQ	88.8410, 23.6980, 33.0900

Conversions

Conversions Part 2

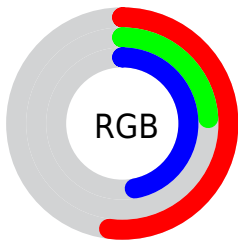
Format	Color
R_{YB}	132, 61, 119
Decimal	8666487
CIE _{Lab}	37.07, 38.51, -19.35
CIE _{LCh}	37, 43.096, 333.325
Yxy	9.5749, 0.3405, 0.2246
Android (android.graphics.Color)	4286856567 (0xFF843D77)
YUV	88.8410, 14.8684, 37.8504
Hunter-Lab	30.9433, 29.5759, -13.8560

Details

The XYZ color **14.5142, 9.5749, 18.5359** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **11.4122, 17.9893, 9.3500**, and the grayscale version is **9.4252, 9.9161, 10.7986**.

A 20% lighter version of the original color is **33.6384, 25.0934, 41.5987**, and **4.4897, 2.2996, 6.0016** is the 20% darker color. If you saturate the color by 10%, you get **13.7512, 8.2780, 17.5745**, and if you desaturate by 10%, it is **15.4550, 11.2211, 19.5750**.

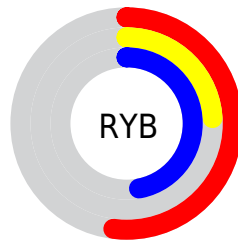
Distribution



Red (52%)

Green (24%)

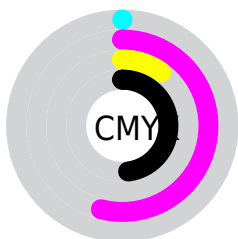
Blue (47%)



Red (52%)

Yellow (24%)

Blue (47%)

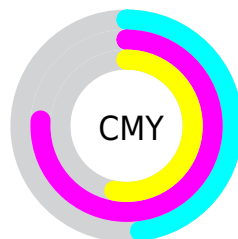


Cyan (0%)

Magenta (54%)

Yellow (10%)

Black (48%)



Cyan (48%)


Magenta (76%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.5142, 9.5749, 18.5359 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 14.5142, 9.5749, 18.5359 by changing the saturation by 10% instead.


 14.5142, 9.5749,
18.5359


 14.5142, 9.5749,
18.5359


213.8538,
187.6106, 256.2113


 8.5632, 5.1180,
11.1620


 33.5774, 24.9928,
41.7746


 4.5122, 2.3167,
6.0604

 47.4203, 36.7226,
58.4765

 1.9958, 0.7825,
2.8124

 64.6246, 51.6456,
79.1248

 0.6316, 0.0000,
0.9997

 85.5555, 70.1460,
104.1380

 0.0000, 0.0000,
0.0000

 110.5786, 92.6083,
133.9348

 140.0591,

119.4169, 168.9335

174.3624,
150.9562, 209.5529

■ 14.5142, 9.5749,
18.5359

■ 14.5142, 9.5749,
18.5359

■ 13.7512, 8.2780,
17.5745

■ 15.4550, 11.2211,
19.5750

■ 13.1520, 7.3031,
16.6857

■ 16.5844, 13.2385,
20.6951

■ 12.7021, 6.6211,
15.8647

■ 17.9132, 15.6490,
21.9003

■ 12.3831, 6.1949,
15.1050

■ 19.4514, 18.4721,
23.1938

■ 12.2135, 5.9847,
14.6514

■ 21.2082, 21.7263,
24.5789

■ 23.1921, 25.4287,
26.0587

■ 25.4115, 29.5957,
27.6358

■ 27.8739, 34.2428,
29.3132

■ 30.5869, 39.3847,
31.0932

Harmonies

Analogous

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



12.2292, 9.5749, 28.2146



14.5142, 9.5749, 18.5359



15.2622, 9.5749, 9.5942

Triad

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



14.5142, 9.5749, 18.5359



8.8056, 9.5749, 1.5502



5.4438, 9.5749, 20.7935

Complementary

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



14.5142, 9.5749, 18.5359



11.4122, 17.9893, 9.3500

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.



4.8708, 9.5749, 11.3033



14.5142, 9.5749, 18.5359



6.5571, 9.5749, 2.3252

Square

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



14.5142, 9.5749, 18.5359



11.6107, 9.5749, 2.0249



5.2347, 9.5749, 5.1118



6.9812, 9.5749, 29.9065

Rectangle

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



14.5142, 9.5749, 18.5359



14.6884, 9.5749, 5.6128



5.2347, 9.5749, 5.1118



5.1473, 9.5749, 17.4136

Sweetspot

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



14.5145, 9.5753, 18.5361



33.5304, 31.1882, 40.2543



8.5691, 6.4139, 22.6163



7.6948, 7.0557, 9.2790



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.5145, 9.5753, 18.5361



23.9138, 14.0703, 30.5277



12.8113, 8.8941, 9.5671



4.8223, 4.7486, 5.6765



11.8274, 5.7953, 14.1955



0.0433, 0.0210, 0.0616

Inverse Universe

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



14.5145, 9.5753, 18.5361



23.9138, 14.0703, 30.5277



12.9006, 18.5847, 17.1882



4.8223, 4.7486, 5.6765



11.8274, 5.7953, 14.1955



0.0433, 0.0210, 0.0616

Previews

White Background



This preview shows how the XYZ color 14.5142, 9.5749, 18.5359 looks on a white background.

Color Contrast Check

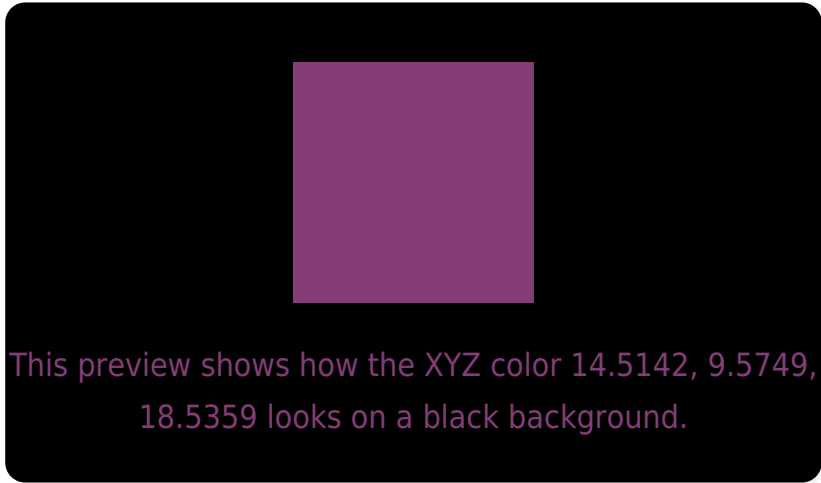
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

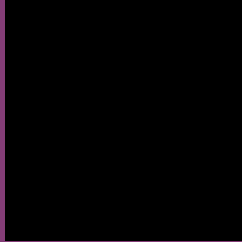
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5142, 9.5749, 18.5359

Background



This preview shows how black text looks on a background with the XYZ color 14.5142, 9.5749, 18.5359.



This preview shows how white text looks on a background with the XYZ color 14.5142, 9.5749,

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

14.5142, 9.5749, 18.5359

Protanopia

10.3719, 9.7486, 25.7611

Deuteranopia

9.9020, 9.6872, 17.5676



Tritanopia

12.3101, 9.5403, 8.0301

Trichromacy



Original Color

14.5142, 9.5749, 18.5359

Protanomaly

11.1331, 9.1978, 23.0184

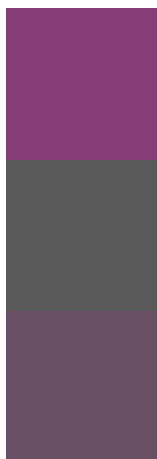
Deuteranomaly

11.0618, 9.2780, 17.7308

Tritanomaly

12.9922, 9.4541, 11.2653

Monochromacy



Original Color

14.5142, 9.5749, 18.5359

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

10.9219, 9.5153, 13.3176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5142, 9.5749, 18.5359 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(132, 61, 119)` looks like.

```
.text, #text, p{  
    color:rgb(132, 61, 119)  
}
```

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(132, 61, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 61, 119) }
```

Border

The CSS property to change the border of an element to XYZ 14.5142, 9.5749, 18.5359 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(132, 61, 119) }
```


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

```
.border{ border-color:rgb(132, 61, 119) }
```

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

Here you see how a box with a 4 pixel rgb(132, 61, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 61, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 61, 119);  
box-shadow:4px 4px 4px 4px rgb(132, 61,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5142, 9.5749, 18.5359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 61, 119) }
```

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

```
.background{ background-color: rgb(132, 61,  
119) }
```

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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