

Converting Colors

XYZ(14.2597, 9.0658, 18.4511)

Have a look what the booklet for
XYZ(14.2597, 9.0658, 18.4511)
contains.

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Color

**XYZ(14.2597, 9.0658,
18.4511)**

Conversions

Conversions Part 1

Format	Color
Hex	843877
RGB	132, 56, 119
RGB Percent	52%, 22%, 47%
CMY	0.4823, 0.7804, 0.5333
CMYK	0.00, 0.58, 0.10, 0.48
HSL	310°, 40%, 37%
HSV	310°, 58%, 52%
XYZ	14.2597, 9.0658, 18.4511
YIQ	85.9060, 25.0730, 35.7050

Conversions

Conversions Part 2

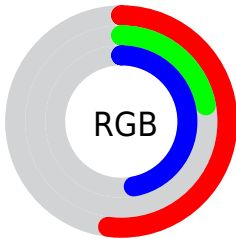
Format	Color
R_{YB}	132, 56, 119
Decimal	8665207
CIE _{Lab}	36.11, 41.07, -20.83
CIE _{LCh}	36, 46.047, 333.105
Yxy	9.0658, 0.3413, 0.2170
Android (android.graphics.Color)	4286855287 (0xFF843877)
YUV	85.9060, 16.3153, 40.4244
Hunter-Lab	30.1095, 31.8452, -15.2563

Details

The XYZ color **14.2597, 9.0658, 18.4511** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **10.9568, 17.7733, 8.4840**, and the grayscale version is **8.7886, 9.2463, 10.0692**.

A 20% lighter version of the original color is **33.1019, 24.0205, 41.4198**, and **4.4138, 2.1477, 5.9763** is the 20% darker color. If you saturate the color by 10%, you get **13.5684, 7.8974, 17.5595**, and if you desaturate by 10%, it is **15.1236, 10.5738, 19.4162**.

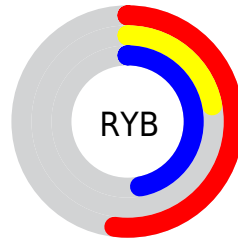
Distribution



Red (52%)

Green (22%)

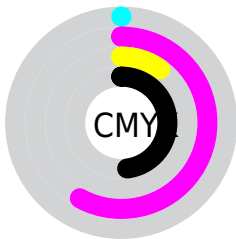
Blue (47%)



Red (52%)

Yellow (22%)

Blue (47%)

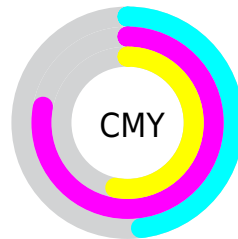


Cyan (0%)

Magenta (58%)

Yellow (10%)

Black (48%)



Cyan (48%)

Magenta (78%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2597, 9.0658, 18.4511 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 14.2597, 9.0658, 18.4511 by changing the saturation by 10% instead.

14.2597, 9.0658,
18.4511

14.2597, 9.0658,
18.4511

212.3189,
183.8680, 255.7225

8.3844, 4.7841,
11.1016

33.1316, 24.0229,
41.6288

4.3958, 2.1212,
6.0202

46.8588, 35.4670,
58.2940

1.9284, 0.6765,
2.7884

63.9342, 50.0675,
78.9015

0.5932, 0.0000,
0.9876

84.7229, 68.2087,
103.8698

0.0000, 0.0000,
0.0000

109.5904, 90.2749,
133.6176

138.9020,

116.6506, 168.5632

173.0230,
147.7202, 209.1254

■ 14.2597, 9.0658,
18.4511

■ 14.2597, 9.0658,
18.4511

■ 13.5684, 7.8974,
17.5595

■ 15.1236, 10.5738,
19.4162

■ 13.0351, 7.0402,
16.7364

■ 16.1713, 12.4443,
20.4586

■ 12.6444, 6.4631,
15.9765

■ 17.4140, 14.6998,
21.5820

■ 12.3634, 6.1002,
15.2686

■ 18.8620, 17.3605,
22.7901

■ 12.2989, 6.0188,
15.1004

■ 20.5247, 20.4452,
24.0861

■ 22.4109, 23.9716,
25.4730

■ 24.5289, 27.9563,
26.9537

■ 26.8866, 32.4151,
28.5310

■ 29.4916, 37.3630,
30.2074

Harmonies

Analogous

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



11.8473, 9.0658, 28.8234



14.2597, 9.0658, 18.4511



15.0655, 9.0658, 9.0716

Triad

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



14.2597, 9.0658, 18.4511



8.3329, 9.0658, 1.1489



4.8963, 9.0658, 20.6973

Complementary

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



14.2597, 9.0658, 18.4511



10.9568, 17.7733, 8.4840

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.



4.3345, 9.0658, 10.7163



14.2597, 9.0658, 18.4511



6.0344, 9.0658, 1.8347

Square

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



14.2597, 9.0658, 18.4511



11.2431, 9.0658, 1.5798



4.7020, 9.0658, 4.4744



6.4350, 9.0658, 30.5358

Rectangle

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



14.2597, 9.0658, 18.4511



14.4679, 9.0658, 5.0329



4.7020, 9.0658, 4.4744



4.6038, 9.0658, 17.1050

Sweetspot

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



14.2600, 9.0662, 18.4513



33.2781, 30.6781, 40.1870



8.0102, 5.7478, 22.5174



7.6427, 6.9484, 9.2713



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.



14.2600, 9.0662, 18.4513



23.5936, 13.4081, 30.4882



12.4280, 8.3334, 8.8043



4.8246, 4.7495, 5.6887



11.9099, 5.8283, 14.6297



0.0435, 0.0211, 0.0625

Inverse Universe

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



14.2600, 9.0662, 18.4513



23.5936, 13.4081, 30.4882



12.5189, 18.3982, 16.7100



4.8246, 4.7495, 5.6887



11.9099, 5.8283, 14.6297



0.0435, 0.0211, 0.0625

Previews

White Background



This preview shows how the XYZ color 14.2597, 9.0658, 18.4511 looks on a white background.

Color Contrast Check

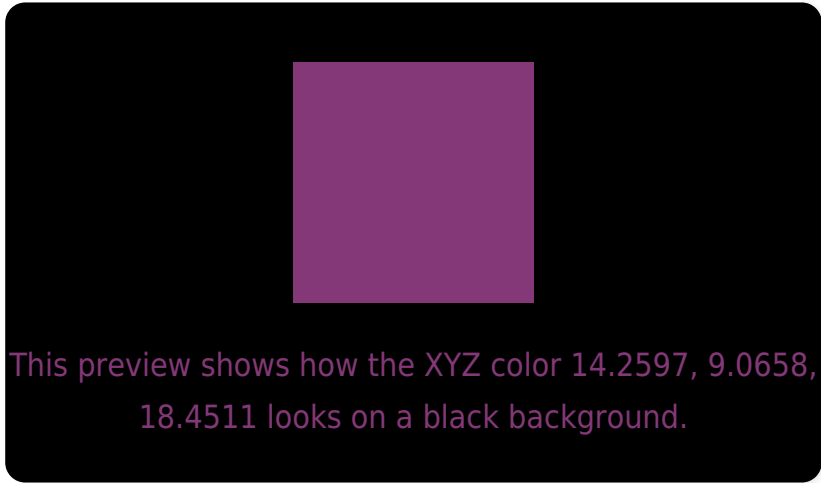
Large Text (above 18pt) WCAG AA ✓ Pass

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

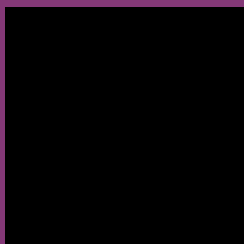
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2597, 9.0658, 18.4511

Background



This preview shows how black text looks on a background with the XYZ color 14.2597, 9.0658, 18.4511.



This preview shows how white text looks on a background with the XYZ color 14.2597, 9.0658,

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

14.2597, 9.0658, 18.4511

Protanopia

10.0394, 9.3178, 26.8606

Deuteranopia

9.3495, 9.1753, 17.1978



Tritanopia

12.0221, 9.1273, 7.4314

Trichromacy



Original Color

14.2597, 9.0658, 18.4511

Protanomaly

10.6823, 8.6450, 23.6599

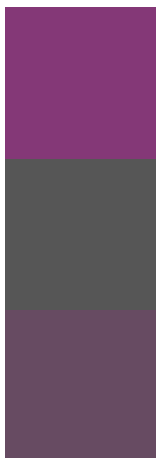
Deuteranomaly

10.6382, 8.7552, 17.6522

Tritanomaly

12.7321, 9.0721, 10.7529

Monochromacy



Original Color

14.2597, 9.0658, 18.4511

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

10.3142, 8.7976, 12.7098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2597, 9.0658, 18.4511 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, 56, 119)` looks like.

```
.text, #text, p{  
    color:rgb(132, 56, 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, 56, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 56, 119) }
```

Border

The CSS property to change the border of an element to XYZ 14.2597, 9.0658, 18.4511 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, 56, 119) }
```


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

```
.border{ border-color:rgb(132, 56, 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, 56, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 56, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 56, 119);  
box-shadow:4px 4px 4px 4px rgb(132, 56,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2597, 9.0658, 18.4511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 56, 119) }
```

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

```
.background{ background-color: rgb(132, 56,  
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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