

Converting Colors

XYZ(14.1493, 9.6444, 18.6697)

Have a look what the booklet for
XYZ(14.1493, 9.6444, 18.6697)
contains.

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Color

**XYZ(14.0653, 9.5879,
18.5621)**

Conversions

Conversions Part 1

Format	Color
Hex	804077
RGB	128, 64, 119
RGB Percent	50%, 25%, 47%
CMY	0.4980, 0.7490, 0.5333
CMYK	0.00, 0.50, 0.07, 0.50
HSL	308°, 33%, 38%
HSV	308°, 50%, 50%
XYZ	14.0653, 9.5879, 18.5621
YIQ	89.4060, 20.4890, 30.6730

Conversions

Conversions Part 2

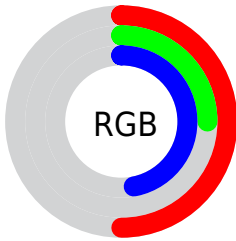
Format	Color
R_{YB}	128, 64, 119
Decimal	8405111
CIE _{Lab}	37.09, 35.62, -19.36
CIE _{LCh}	37, 40.542, 331.479
Yxy	9.5879, 0.3332, 0.2271
Android (android.graphics.Color)	4286595191 (0xFF804077)
YUV	89.4060, 14.5898, 33.8469
Hunter-Lab	30.9643, 26.8946, -13.8674

Details

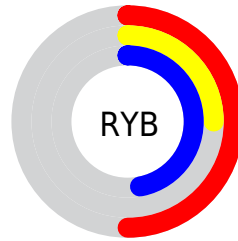
The XYZ color **14.0653, 9.5879, 18.5621** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **11.0366, 17.0098, 9.0055**, and the grayscale version is **9.5513, 10.0487, 10.9430**.

A 20% lighter version of the original color is **32.6594, 24.9200, 41.6168**, and **4.3231, 2.3341, 6.0170** is the 20% darker color. If you saturate the color by 10%, you get **13.3176, 8.2638, 17.7846**, and if you desaturate by 10%, it is **14.9813, 11.2451, 19.4060**.

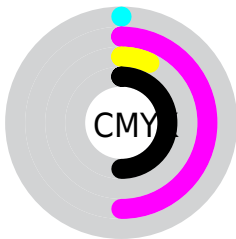
Distribution



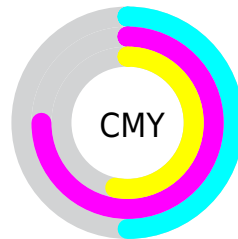
- Red (50%)
- Green (25%)
- Blue (47%)



- Red (50%)
- Yellow (25%)
- Blue (47%)



- Cyan (0%)
- Magenta (50%)
- Yellow (7%)
- Black (50%)




- Cyan (50%)
- Magenta (75%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.0653, 9.5879, 18.5621 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 14.0653, 9.5879, 18.5621 by changing the saturation by 10% instead.


 14.0653, 9.5879,
18.5621


 14.0653, 9.5879,
18.5621


211.1392,
187.7050, 256.3622


 8.2481, 5.1266,
11.1807


 32.7901, 25.0174,
41.8196


 4.3072, 2.3217,
6.0728

 46.4285, 36.7545,
58.5328


 1.8774, 0.7852,
2.8199

 63.4046, 51.6855,
79.1937

 0.5636, 0.0000,
1.0034

 84.0839, 70.1950,
104.2208

 0.0000, 0.0000,
0.0000

 108.8316, 92.6673,
134.0327

 138.0131,

119.4868, 169.0478

171.9939,
151.0379, 209.6848

■ 14.0653, 9.5879,
18.5621

■ 14.0653, 9.5879,
18.5621

■ 13.3176, 8.2638,
17.7846

■ 14.9813, 11.2451,
19.4060

■ 12.7259, 7.2484,
17.0690

■ 16.0752, 13.2549,
20.3193

■ 12.2774, 6.5164,
16.4111

■ 17.3569, 15.6369,
21.3054

■ 11.9571, 6.0375,
15.8060

■ 18.8351, 18.4088,
22.3673

■ 11.7167, 5.7151,
15.2373

■ 20.5183, 21.5871,
23.5079

■ 11.7167, 5.7150,
15.2372

■ 22.4142, 25.1876,
24.7297

■ 24.5302, 29.2250,
26.0353

■ 26.8735, 33.7134,
27.4271

■ 29.4507, 38.6663,
28.9075

Harmonies

Analogous

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



11.8833, 9.5879, 27.2999



14.0653, 9.5879, 18.5621



14.8628, 9.5879, 10.0857

Triad

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



14.0653, 9.5879, 18.5621



8.9886, 9.5879, 1.8065



5.5751, 9.5879, 19.4869

Complementary

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



14.0653, 9.5879, 18.5621



11.0366, 17.0098, 9.0055

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.



5.0782, 9.5879, 10.8016



14.0653, 9.5879, 18.5621



6.8107, 9.5879, 2.5157

Square

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



14.0653, 9.5879, 18.5621



11.6268, 9.5879, 2.3796



5.4855, 9.5879, 5.1183



6.9905, 9.5879, 27.9849

Rectangle

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



14.0653, 9.5879, 18.5621



14.4038, 9.5879, 6.1398



5.4855, 9.5879, 5.1183



5.3082, 9.5879, 16.3866

Sweetspot

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



14.0656, 9.5883, 18.5623



31.7260, 29.7142, 38.3639



8.4426, 6.6241, 21.2560



7.3216, 6.7579, 8.9051



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.0656, 9.5883, 18.5623



23.2874, 14.2708, 31.1314



12.4753, 8.9522, 10.1881



4.4730, 4.4023, 5.2952



11.6181, 5.6669, 15.1105



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.0656, 9.5883, 18.5623



23.2874, 14.2708, 31.1314



12.3598, 17.5391, 15.9736



4.4730, 4.4023, 5.2952



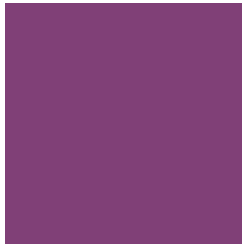
11.6181, 5.6669, 15.1105



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.0653, 9.5879, 18.5621 looks on a white background.

Color Contrast Check

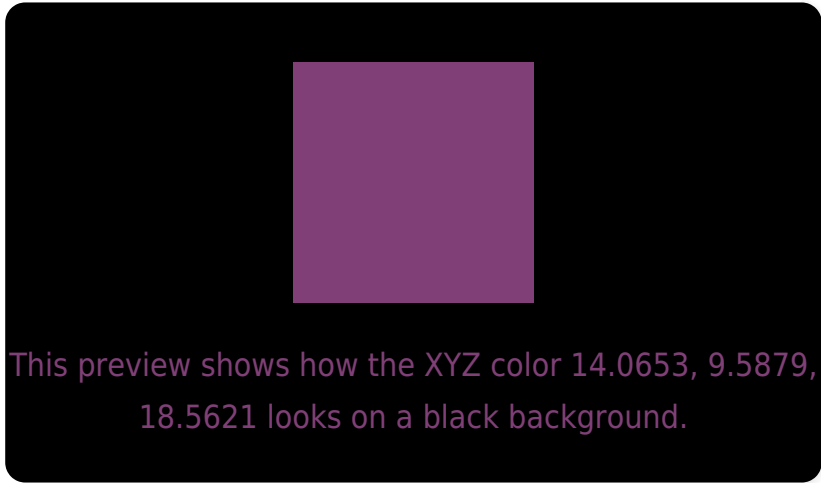
Large Text (above 18pt) WCAG AA ✓ Pass

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

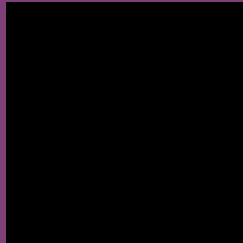
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0653, 9.5879, 18.5621

Background



This preview shows how black text looks on a background with the XYZ color 14.0653, 9.5879, 18.5621.



This preview shows how white text looks on a background with the XYZ color 14.0653, 9.5879,

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

14.0653, 9.5879, 18.5621

Protanopia

10.2974, 9.7269, 25.0017

Deuteranopia

9.9020, 9.6872, 17.5676



Tritanopia

11.9622, 9.5406, 8.6082

Trichromacy



Original Color

14.0653, 9.5879, 18.5621

Protanomaly

10.9701, 9.2341, 22.3233

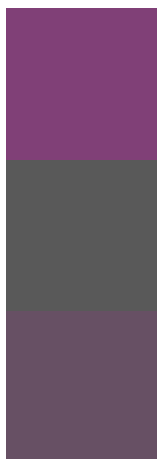
Deuteranomaly

11.0224, 9.3624, 17.7492

Tritanomaly

12.6680, 9.5484, 11.7650

Monochromacy



Original Color

14.0653, 9.5879, 18.5621

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

10.7624, 9.5410, 13.3309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0653, 9.5879, 18.5621 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(128, 64, 119)` looks like.

```
.text, #text, p{  
    color:rgb(128, 64, 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(128, 64, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 64, 119) }
```

Border

The CSS property to change the border of an element to XYZ 14.0653, 9.5879, 18.5621 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(128, 64, 119) }
```


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

```
.border{ border-color:rgb(128, 64, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 64, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 64, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 64, 119);  
box-shadow:4px 4px 4px 4px rgb(128, 64,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0653, 9.5879, 18.5621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 64, 119) }
```

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

```
.background{ background-color: rgb(128, 64,  
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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