

Converting Colors

XYZ(21.1089, 14.6435, 14.5459)

Have a look what the booklet for
XYZ(21.1089, 14.6435, 14.5459)
contains.

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Color

**XYZ(21.1089, 14.6435,
14.5459)**

Conversions

Conversions Part 1

Format	Color
Hex	A74E67
RGB	167, 78, 103
RGB Percent	65%, 31%, 40%
CMY	0.3451, 0.6941, 0.5961
CMYK	0.00, 0.53, 0.38, 0.35
HSL	343°, 36%, 48%
HSV	343°, 53%, 65%
XYZ	21.1089, 14.6435, 14.5459
YIQ	107.4610, 45.0190, 26.6430

Conversions

Conversions Part 2

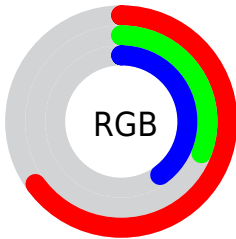
Format	Color
R_{YB}	167, 78, 103
Decimal	10964583
CIE _{Lab}	45.14, 39.25, 3.18
CIE _{LCh}	45, 39.378, 4.627
Yxy	14.6435, 0.4197, 0.2911
Android (android.graphics.Color)	4289154663 (0xFFA74E67)
YUV	107.4610, -2.1993, 52.2157
Hunter-Lab	38.2668, 31.4979, 4.2496

Details

The XYZ color **21.1089, 14.6435, 14.5459** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **21.8438, 31.2105, 30.4658**, and the grayscale version is **14.1008, 14.8351, 16.1555**.

A 20% lighter version of the original color is **44.8667, 34.3059, 34.8288**, and **7.7653, 4.4691, 4.1947** is the 20% darker color. If you saturate the color by 10%, you get **19.5094, 12.3408, 11.2493**, and if you desaturate by 10%, it is **23.0971, 17.5849, 18.3996**.

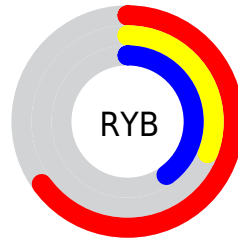
Distribution



Red (65%)

Green (31%)

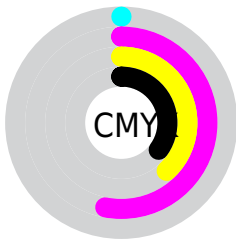
Blue (40%)



Red (65%)

Yellow (31%)

Blue (40%)

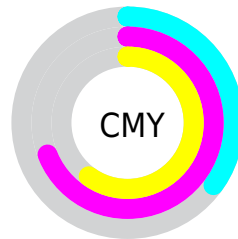


Cyan (0%)

Magenta (53%)

Yellow (38%)

Black (35%)



Cyan (35%)


Magenta (69%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.1089, 14.6435, 14.5459 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 21.1089, 14.6435, 14.5459 by changing the saturation by 10% instead.


 21.1089, 14.6435,
14.5459


 21.1089, 14.6435,
14.5459


250.5774,
221.1982, 232.1463


 13.3165, 8.5696,
8.3582


 44.7586, 34.2265,
34.7855


 7.7254, 4.4615,
4.2340


 61.3467, 48.5045,
49.6746


 3.9701, 1.9349,
1.7546

 81.5974, 66.2858,
68.3012

 1.6852, 0.5693,
0.3977

 105.8760, 87.9550,
91.0839

 0.4470, 0.0000,
0.0000

 134.5480,
113.8965, 118.4412

 0.0000, 0.0000,
0.0000

167.9787,

144.4945, 150.7916

206.5334,
180.1336, 188.5538

■ 21.1089, 14.6435,
14.5459

■ 21.1089, 14.6435,
14.5459

■ 19.5094, 12.3408,
11.2493

■ 23.0971, 17.5849,
18.3996

■ 18.2703, 10.6265,
8.4818

■ 25.4971, 21.2058,
22.8347

■ 17.3616, 9.4464,
6.2141

■ 28.3315, 25.5462,
27.8750

■ 16.7471, 8.7350,
4.4131

■ 31.6210, 30.6423,
33.5426

■ 16.4475, 8.4200,
3.4376

■ 35.3848, 36.5281,
39.8587

■ 39.6411, 43.2353,
46.8432

■ 44.4070, 50.7938,
54.5152

■ 49.6989, 59.2323,
62.8932

■ 55.5324, 68.5777,
71.9948

Harmonies

Analogous

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



20.3506, 14.6435, 24.8917



21.1089, 14.6435, 14.5459



19.7091, 14.6435, 7.7939

Triad

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



21.1089, 14.6435, 14.5459



10.6655, 14.6435, 5.2978



11.4123, 14.6435, 38.1504

Complementary

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



21.1089, 14.6435, 14.5459



21.8438, 31.2105, 30.4658

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.



9.3897, 14.6435, 28.4049



21.1089, 14.6435, 14.5459



9.0079, 14.6435, 9.4480

Square

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



21.1089, 14.6435, 14.5459



13.4210, 14.6435, 3.9428



8.5798, 14.6435, 17.4295



14.4276, 14.6435, 41.2078

Rectangle

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



21.1089, 14.6435, 14.5459



17.8513, 14.6435, 5.3620



8.5798, 14.6435, 17.4295



10.6099, 14.6435, 35.4019

Sweetspot

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



21.1093, 14.6443, 14.5462



54.7767, 51.9954, 56.9082



20.8182, 13.9713, 38.1587



11.9946, 11.2270, 12.2824



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



21.1093, 14.6443, 14.5462



34.4779, 21.4506, 19.1503



21.6129, 17.3682, 9.4219



7.6145, 7.5757, 8.2872



12.6044, 6.4505, 2.7283



0.3281, 0.1655, 0.1792

Inverse Universe

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



21.1093, 14.6443, 14.5462



34.4779, 21.4506, 19.1503



20.6630, 25.5013, 40.3924



7.6145, 7.5757, 8.2872



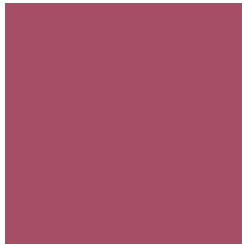
12.6044, 6.4505, 2.7283



0.3281, 0.1655, 0.1792

Previews

White Background



This preview shows how the XYZ color 21.1089, 14.6435, 14.5459 looks on a white background.

Color Contrast Check

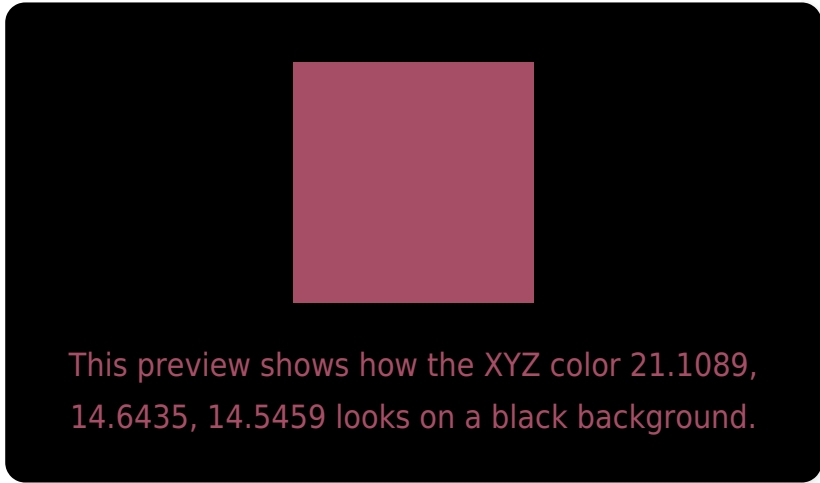
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

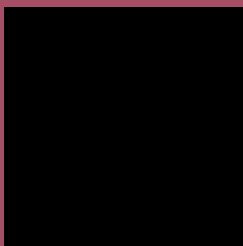
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.1089, 14.6435, 14.5459

Background



This preview shows how black text looks on a background with the XYZ color 21.1089, 14.6435, 14.5459.

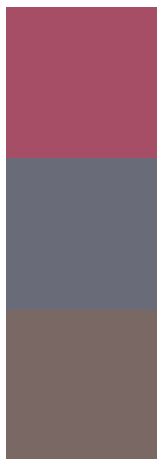


This preview shows how white text looks on a background with the XYZ color 21.1089, 14.6435,

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

21.1089, 14.6435, 14.5459

Protanopia

14.5917, 14.9356, 19.8831

Deuteranopia

15.0876, 14.8664, 13.8787



Tritanopia

20.3886, 14.6800, 10.7757

Trichromacy



Original Color

21.1089, 14.6435, 14.5459

Protanomaly

16.1222, 14.1698, 17.8049

Deuteranomaly

16.8737, 14.5078, 13.9675

Tritanomaly

20.5703, 14.6346, 12.0965

Monochromacy



Original Color

21.1089, 14.6435, 14.5459

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.8377, 14.0735, 15.5174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1089, 14.6435, 14.5459 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(167, 78, 103)` looks like.

```
.text, #text, p{  
    color:rgb(167, 78, 103)  
}
```

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(167, 78, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 78, 103) }
```

Border

The CSS property to change the border of an element to XYZ 21.1089, 14.6435, 14.5459 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(167, 78, 103) }
```


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

```
.border{ border-color:rgb(167, 78, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 78, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 78, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 78, 103);  
box-shadow:4px 4px 4px 4px rgb(167, 78,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1089, 14.6435, 14.5459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 78, 103) }
```

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

```
.background{ background-color: rgb(167, 78,  
103) }
```

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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