

Converting Colors

XYZ(21.1343, 14.1043, 8.7718)

Have a look what the booklet for
XYZ(21.1343, 14.1043, 8.7718)
contains.

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Color

**XYZ(21.0839, 14.0552,
8.8094)**

Conversions

Conversions Part 1

Format	Color
Hex	AE474E
RGB	174, 71, 78
RGB Percent	68%, 28%, 31%
CMY	0.3176, 0.7215, 0.6941
CMYK	0.00, 0.59, 0.55, 0.32
HSL	356°, 42%, 48%
HSV	356°, 59%, 68%
XYZ	21.0839, 14.0552, 8.8094
YIQ	102.5950, 59.1410, 24.0130

Conversions

Conversions Part 2

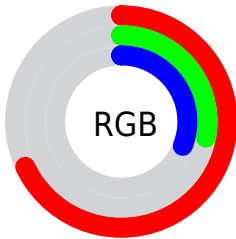
Format	Color
R_{YB}	174, 71, 78
Decimal	11421518
CIE _{Lab}	44.31, 42.71, 17.48
CIE _{LCh}	44, 46.148, 22.264
Yxy	14.0552, 0.4797, 0.3198
Android (android.graphics.Color)	4289611598 (0xFFAE474E)
YUV	102.5950, -12.1253, 62.6222
Hunter-Lab	37.4903, 34.7775, 12.3113

Details

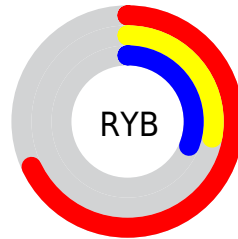
The XYZ color **21.0839, 14.0552, 8.8094** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **24.7105, 34.4019, 41.8996**, and the grayscale version is **12.8058, 13.4727, 14.6718**.

A 20% lighter version of the original color is **44.5180, 33.0219, 24.1062**, and **7.6620, 4.1701, 1.9145** is the 20% darker color. If you saturate the color by 10%, you get **19.6199, 11.9459, 5.7979**, and if you desaturate by 10%, it is **23.0088, 16.8570, 12.6823**.

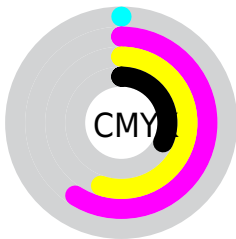
Distribution



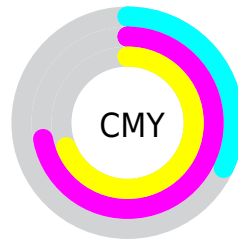
- Red (68%)
- Green (28%)
- Blue (31%)



- Red (68%)
- Yellow (28%)
- Blue (31%)



- Cyan (0%)
- Magenta (59%)
- Yellow (55%)
- Black (32%)





- Cyan (32%)
- Magenta (72%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0839, 14.0552, 8.8094 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 21.0839, 14.0552, 8.8094 by changing the saturation by 10% instead.


 21.0839, 14.0552,
8.8094


 21.0839, 14.0552,
8.8094


250.4473,
217.5740, 192.1150


 13.2982, 8.1591,
4.5220


 44.7173, 33.1869,
24.1024


 7.7126, 4.1969,
1.9158

 61.2958, 47.1913,
35.9451

 3.9618, 1.7843,
0.5028

 81.5358, 64.6673,
51.1432

 1.6806, 0.4774,
0.0000

 105.8028, 85.9992,
70.1154

 0.4441, 0.0000,
0.0000

 134.4620,
111.5714, 93.2801

 0.0000, 0.0000,
0.0000

167.8790,

141.7683, 121.0559

206.4190,
176.9744, 153.8614

■ 21.0839, 14.0552,
8.8094

■ 21.0839, 14.0552,
8.8094

■ 19.6199, 11.9459,
5.7979

■ 23.0088, 16.8570,
12.6823

■ 18.5772, 10.4667,
3.5811

■ 25.4279, 20.4021,
17.4748

■ 17.9111, 9.5483,
2.0839

■ 28.3724, 24.7391,
23.2409

■ 17.5442, 9.0585,
1.2089

■ 31.8707, 29.9118,
30.0303

■ 17.5207, 9.0247,
1.1605

■ 35.9494, 35.9608,
37.8893

■ 40.6330, 42.9242,
46.8612

■ 45.9448, 50.8377,
56.9870

■ 51.9070, 59.7352,
68.3058

■ 58.5404, 69.6488,
80.8547

Harmonies

Analogous

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



21.7214, 14.0552, 18.2135



21.0839, 14.0552, 8.8094



18.2034, 14.0552, 4.1840

Triad

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



21.0839, 14.0552, 8.8094



8.4856, 14.0552, 5.9140



12.4241, 14.0552, 45.6732

Complementary

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



21.0839, 14.0552, 8.8094



24.7105, 34.4019, 41.8996

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.



9.4608, 14.0552, 37.7339



21.0839, 14.0552, 8.8094



7.4768, 14.0552, 12.7216

Square

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



21.0839, 14.0552, 8.8094



10.8408, 14.0552, 3.1318



7.7975, 14.0552, 24.3940



16.2398, 14.0552, 42.9643

Rectangle

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



21.0839, 14.0552, 8.8094



15.6456, 14.0552, 2.9445



7.7975, 14.0552, 24.3940



11.3069, 14.0552, 44.0693

Sweetspot

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



21.0842, 14.0560, 8.8096



58.4141, 55.1509, 55.6384



25.4974, 15.6074, 41.7128



12.5498, 11.6161, 11.5279



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



21.0842, 14.0560, 8.8096



34.9313, 20.7301, 9.1367



24.6013, 21.4702, 8.8099



8.0265, 8.0238, 8.4503



12.7166, 6.5492, 0.8873



0.3607, 0.1850, 0.0614

Inverse Universe

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



21.0842, 14.0560, 8.8096



34.9313, 20.7301, 9.1367



18.3667, 20.6514, 43.0622



8.0265, 8.0238, 8.4503



12.7166, 6.5492, 0.8873



0.3607, 0.1850, 0.0614

Previews

White Background



This preview shows how the XYZ color 21.0839, 14.0552, 8.8094 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 21.0839, 14.0552, 8.8094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

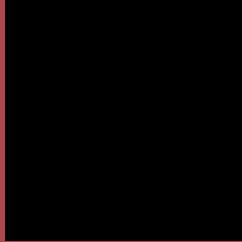
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.0839, 14.0552, 8.8094

Background



This preview shows how black text looks on a background with the XYZ color 21.0839, 14.0552, 8.8094.

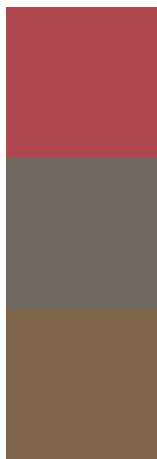


This preview shows how white text looks on a background with the XYZ color 21.0839, 14.0552,

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

21.0839, 14.0552, 8.8094

Protanopia

13.5024, 14.2263, 12.6240

Deuteranopia

14.4605, 14.2240, 8.2867



Tritanopia

21.0133, 14.0269, 8.4374

Trichromacy



Original Color

21.0839, 14.0552, 8.8094

Protanomaly

15.3487, 13.5198, 11.0331

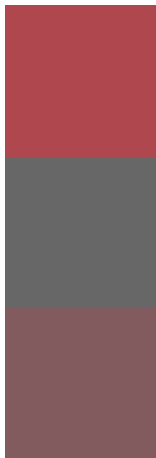
Deuteranomaly

16.2539, 13.6600, 8.4366

Tritanomaly

21.0484, 14.0410, 8.6220

Monochromacy



Original Color

21.0839, 14.0552, 8.8094

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.8147, 12.9575, 12.3099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0839, 14.0552, 8.8094 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(174, 71, 78)` looks like.

```
.text, #text, p{  
    color:rgb(174, 71, 78)  
}
```

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(174, 71, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 71, 78) }
```

Border

The CSS property to change the border of an element to XYZ 21.0839, 14.0552, 8.8094 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(174, 71, 78) }
```


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

```
.border{ border-color:rgb(174, 71, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 71, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 71, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 71, 78);  
box-shadow:4px 4px 4px 4px rgb(174, 71,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0839, 14.0552, 8.8094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 71, 78) }
```

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

```
.background{ background-color: rgb(174, 71,  
78) }
```

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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