

Converting Colors

XYZ(21.1338, 14.0279, 9.4532)

Have a look what the booklet for
XYZ(21.1338, 14.0279, 9.4532)
contains.

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Color

**XYZ(21.1940, 14.0992,
9.3890)**

Conversions

Conversions Part 1

Format	Color
Hex	AE4751
RGB	174, 71, 81
RGB Percent	68%, 28%, 32%
CMY	0.3176, 0.7215, 0.6823
CMYK	0.00, 0.59, 0.53, 0.32
HSL	354°, 42%, 48%
HSV	354°, 59%, 68%
XYZ	21.1940, 14.0992, 9.3890
YIQ	102.9370, 58.1780, 24.9460

Conversions

Conversions Part 2

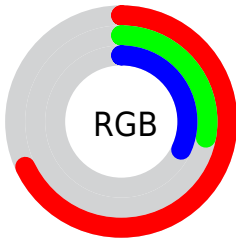
Format	Color
RYB	174, 71, 81
Decimal	11421521
CIELab	44.37, 42.96, 15.74
CIElCh	44, 45.754, 20.116
Yxy	14.0992, 0.4743, 0.3155
Android (android.graphics.Color)	4289611601 (0xFFAE4751)
YUV	102.9370, -10.8149, 62.3223
Hunter-Lab	37.5489, 35.0415, 11.4589

Details

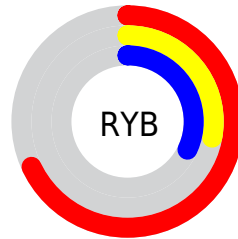
The XYZ color **21.1940, 14.0992, 9.3890** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **24.4362, 34.2923, 40.4554**, and the grayscale version is **12.8929, 13.5643, 14.7715**.

A 20% lighter version of the original color is **44.7165, 33.1013, 25.1515**, and **7.8409, 4.2571, 2.1587** is the 20% darker color. If you saturate the color by 10%, you get **19.7189, 11.9855, 6.3192**, and if you desaturate by 10%, it is **23.1229, 16.9026, 13.2829**.

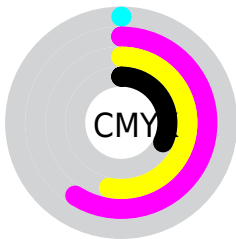
Distribution



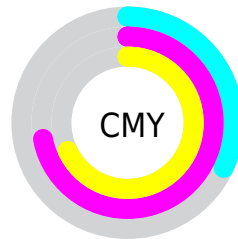
- Red (68%)
- Green (28%)
- Blue (32%)



- Red (68%)
- Yellow (28%)
- Blue (32%)



- Cyan (0%)
- Magenta (59%)
- Yellow (53%)
- Black (32%)





- Cyan (32%)
- Magenta (72%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1940, 14.0992, 9.3890 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 21.1940, 14.0992, 9.3890 by changing the saturation by 10% instead.


 21.1940, 14.0992,
9.3890


 21.1940, 14.0992,
9.3890


251.0200,
217.8471, 196.5776


 13.3792, 8.1897,
4.8955


 44.8990, 33.2649,
25.2293


 7.7689, 4.2166,
2.1284


 61.5199, 47.2900,
37.4133

 3.9980, 1.7954,
0.6326

 81.8069, 64.7889,
52.9978

 1.7010, 0.4843,
0.0000

 106.1252, 86.1463,
72.4014

 0.4569, 0.0000,
0.0000

 134.8404,
111.7464, 96.0426

 0.0000, 0.0000,
0.0000

168.3176,

141.9736, 124.3400

206.9224,
177.2124, 157.7122

■ 21.1940, 14.0992,
9.3890

■ 21.1940, 14.0992,
9.3890

■ 19.7189, 11.9855,
6.3192

■ 23.1229, 16.9026,
13.2829

■ 18.6593, 10.4996,
4.0133

■ 25.5378, 20.4461,
18.0537

■ 17.9719, 9.5726,
2.4038

■ 28.4692, 24.7778,
23.7508

■ 17.5812, 9.0733,
1.4036

■ 31.9447, 29.9413,
30.4197

■ 17.5558, 9.0388,
1.3450

■ 35.9899, 35.9770,
38.1027

■ 40.6289, 42.9225,
46.8398

■ 45.8844, 50.8135,
56.6687

■ 51.7778, 59.6834,
67.6254

■ 58.3295, 69.5643,
79.7442

Harmonies

Analogous

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



21.6400, 14.0992, 19.0952



21.1940, 14.0992, 9.3890



18.4635, 14.0992, 4.4683

Triad

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



21.1940, 14.0992, 9.3890



8.6759, 14.0992, 5.6859



12.2238, 14.0992, 45.1761

Complementary

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



21.1940, 14.0992, 9.3890



24.4362, 34.2923, 40.4554

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.



9.3602, 14.0992, 36.7131



21.1940, 14.0992, 9.3890



7.5740, 14.0992, 12.1324

Square

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



21.1940, 14.0992, 9.3890



11.1140, 14.0992, 3.1094



7.7992, 14.0992, 23.4191



15.9818, 14.0992, 43.2843

Rectangle

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



21.1940, 14.0992, 9.3890



15.9515, 14.0992, 3.0997



7.7992, 14.0992, 23.4191



11.1377, 14.0992, 43.3403

Sweetspot

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



21.1944, 14.1000, 9.3892



58.5437, 55.2028, 56.3211



25.1416, 15.4239, 41.6963



12.5817, 11.6289, 11.6964



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.



21.1944, 14.1000, 9.3892



35.1025, 20.7986, 10.0383



24.4097, 21.0869, 8.7459



8.0357, 8.0275, 8.4986



12.7441, 6.5602, 1.0317



0.3644, 0.1864, 0.0807

Inverse Universe

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



21.1944, 14.1000, 9.3892



35.1025, 20.7986, 10.0383



18.5994, 21.1168, 43.1399



8.0357, 8.0275, 8.4986



12.7441, 6.5602, 1.0317



0.3644, 0.1864, 0.0807

Previews

White Background



This preview shows how the XYZ color 21.1940, 14.0992, 9.3890 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 21.1940, 14.0992, 9.3890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

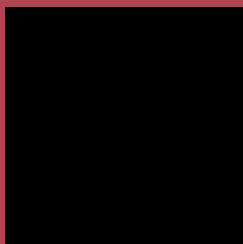
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.1940, 14.0992, 9.3890

Background



This preview shows how black text looks on a background with the XYZ color 21.1940, 14.0992, 9.3890.

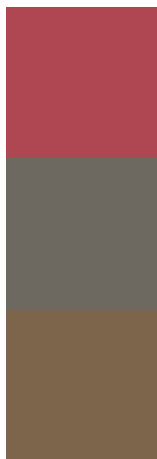


This preview shows how white text looks on a background with the XYZ color 21.1940, 14.0992,

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

21.1940, 14.0992, 9.3890

Protanopia

13.5159, 14.2174, 13.3411

Deuteranopia

14.4156, 14.1891, 8.8165



Tritanopia

21.0774, 14.1552, 8.4588

Trichromacy



Original Color

21.1940, 14.0992, 9.3890

Protanomaly

15.4755, 13.5706, 11.7013

Deuteranomaly

16.3590, 13.7020, 8.9903

Tritanomaly

21.1481, 14.1835, 8.8308

Monochromacy



Original Color

21.1940, 14.0992, 9.3890

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.8599, 12.9755, 12.5478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1940, 14.0992, 9.3890 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, 81)` looks like.

```
.text, #text, p{  
    color:rgb(174, 71, 81)  
}
```

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, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 71, 81) }
```

Border

The CSS property to change the border of an element to XYZ 21.1940, 14.0992, 9.3890 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, 81) }
```


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

```
.border{ border-color:rgb(174, 71, 81) }
```

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, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 71, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 71, 81);  
box-shadow:4px 4px 4px 4px rgb(174, 71,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1940, 14.0992, 9.3890 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, 81) }
```

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

```
.background{ background-color: rgb(174, 71,  
81) }
```

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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