

Converting Colors

XYZ(20.9327, 14.7341, 9.0670)

Have a look what the booklet for
XYZ(20.9327, 14.7341, 9.0670)
contains.

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Color

**XYZ(21.0019, 14.8144,
9.1497)**

Conversions

Conversions Part 1

Format	Color
Hex	AB4F4F
RGB	171, 79, 79
RGB Percent	67%, 31%, 31%
CMY	0.3294, 0.6902, 0.6902
CMYK	0.00, 0.54, 0.54, 0.33
HSL	0°, 37%, 49%
HSV	0°, 54%, 67%
XYZ	21.0019, 14.8144, 9.1497
YIQ	106.5080, 54.8320, 19.5040

Conversions

Conversions Part 2

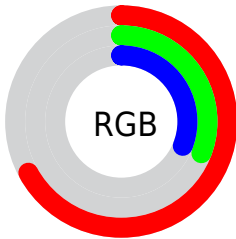
Format	Color
R_{YB}	171, 79, 79
Decimal	11226959
CIE Lab	45.38, 37.72, 18.22
CIE LCh	45, 41.888, 25.789
Yxy	14.8144, 0.4671, 0.3295
Android (android.graphics.Color)	4289417039 (0xFFAB4F4F)
YUV	106.5080, -13.5614, 56.5595
Hunter-Lab	38.4895, 30.0425, 12.8482

Details

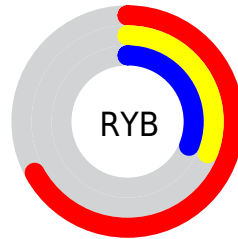
The XYZ color **21.0019, 14.8144, 9.1497** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **25.1372, 33.7267, 43.7131**, and the grayscale version is **13.8652, 14.5873, 15.8856**.

A 20% lighter version of the original color is **44.6457, 34.6141, 24.7502**, and **7.6581, 4.5293, 2.0607** is the 20% darker color. If you saturate the color by 10%, you get **19.3789, 12.4397, 5.9229**, and if you desaturate by 10%, it is **23.1030, 17.8891, 13.3260**.

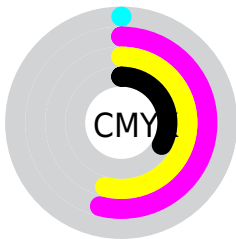
Distribution



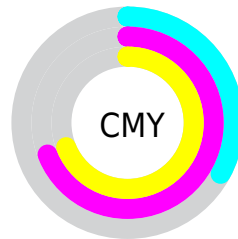
- Red (67%)
- Green (31%)
- Blue (31%)



- Red (67%)
- Yellow (31%)
- Blue (31%)



- Cyan (0%)
- Magenta (54%)
- Yellow (54%)
- Black (33%)



- Cyan (33%)
- Magenta (69%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0019, 14.8144, 9.1497 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 21.0019, 14.8144, 9.1497 by changing the saturation by 10% instead.

■ 21.0019, 14.8144,
9.1497

■ 21.0019, 14.8144,
9.1497

250.0201,
222.2401, 194.7498

■ 13.2379, 8.6892,
4.7408

■ 44.5819, 34.5273,
24.7657

■ 7.6707, 4.5390,
2.0399

■ 61.1287, 48.8837,
36.8099

■ 3.9350, 1.9794,
0.5797

■ 81.3337, 66.7528,
52.2363

■ 1.6654, 0.5955,
0.0000

■ 105.5623, 88.5187,
71.4634

■ 0.4345, 0.0000,
0.0000

■ 134.1799,
114.5661, 94.9097

■ 0.0000, 0.0000,
0.0000

167.5518,

145.2791, 122.9939

206.0434,
181.0423, 156.1344

■ 21.0019, 14.8144,
9.1497

■ 21.0019, 14.8144,
9.1497

■ 19.3789, 12.4397,
5.9229

■ 23.1030, 17.8891,
13.3260

■ 18.1955, 10.7079,
3.5704

■ 25.7144, 21.7105,
18.5174

■ 17.4090, 9.5571,
2.0071

■ 28.8670, 26.3237,
24.7846

■ 16.9679, 8.9116,
1.1304

■ 32.5889, 31.7698,
32.1835

■ 16.7947, 8.6581,
0.7860

■ 36.9061, 38.0870,
40.7659

■ 41.8431, 45.3112,
50.5805

■ 47.4230, 53.4762,
61.6733

■ 53.6678, 62.6141,
74.0879

■ 60.5984, 72.7554,
87.8658

Harmonies

Analogous

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



21.8594, 14.8144, 17.5780



21.0019, 14.8144, 9.1497



18.1856, 14.8144, 4.9095

Triad

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



21.0019, 14.8144, 9.1497



9.2423, 14.8144, 7.5800



13.5953, 14.8144, 43.7660

Complementary

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



21.0019, 14.8144, 9.1497



25.1372, 33.7267, 43.7131

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.



10.6451, 14.8144, 37.7213



21.0019, 14.8144, 9.1497



8.4084, 14.8144, 14.7645

Square

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



21.0019, 14.8144, 9.1497



11.3667, 14.8144, 4.3003



8.8764, 14.8144, 25.9812



17.1954, 14.8144, 40.2537

Rectangle

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



21.0019, 14.8144, 9.1497



15.7871, 14.8144, 3.7757



8.8764, 14.8144, 25.9812



12.5018, 14.8144, 42.7346

Sweetspot

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



21.0023, 14.8152, 9.1500



56.6128, 54.3341, 54.1556



26.9413, 17.1903, 40.4262



12.3219, 11.6734, 11.4746



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



21.0023, 14.8152, 9.1500



34.1407, 21.4508, 9.4826



25.5396, 23.8898, 10.6624



8.0053, 8.0154, 8.3386



12.6607, 6.5270, 0.5925



0.3522, 0.1816, 0.0165

Inverse Universe

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



25.1372, 33.7267, 43.7131



42.3573, 59.0298, 78.1633



17.9089, 19.2699, 41.3036



8.2363, 9.0720, 10.2697



16.5184, 24.1707, 32.8393



0.4595, 0.6724, 0.9136

Previews

White Background



This preview shows how the XYZ color 21.0019, 14.8144, 9.1497 looks on a white background.

Color Contrast Check

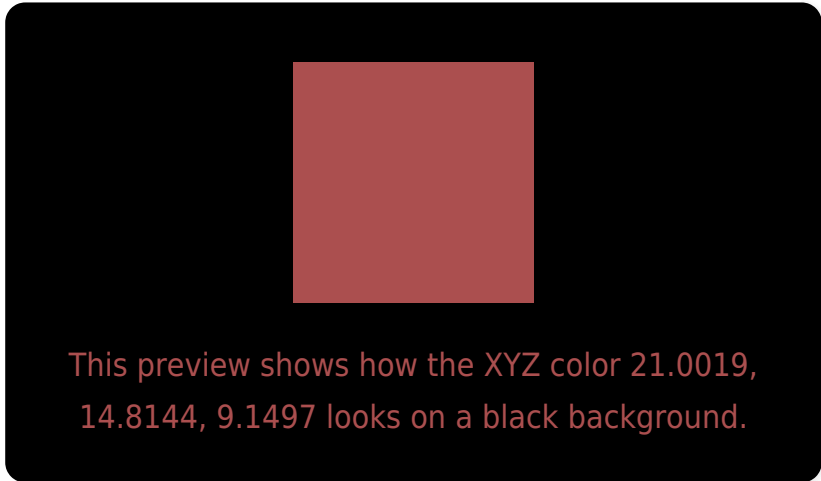
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0019, 14.8144, 9.1497

Background



This preview shows how black text looks on a background with the XYZ color 21.0019, 14.8144, 9.1497.



This preview shows how white text looks on a background with the XYZ color 21.0019, 14.8144,

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

21.0019, 14.8144, 9.1497

Protanopia

14.2338, 15.0752, 12.2848

Deuteranopia

15.1735, 14.8756, 8.7282



Tritanopia

21.1192, 14.7468, 10.1208

Trichromacy



Original Color

21.0019, 14.8144, 9.1497

Protanomaly

15.9867, 14.3884, 10.9515

Deuteranomaly

16.8088, 14.4565, 8.7419

Tritanomaly

21.0420, 14.7159, 9.7141

Monochromacy



Original Color

21.0019, 14.8144, 9.1497

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.6383, 14.1583, 13.2179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0019, 14.8144, 9.1497 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(171, 79, 79)` looks like.

```
.text, #text, p{  
    color:rgb(171, 79, 79)  
}
```

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(171, 79, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 79, 79) }
```

Border

The CSS property to change the border of an element to XYZ 21.0019, 14.8144, 9.1497 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(171, 79, 79) }
```


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

```
.border{ border-color:rgb(171, 79, 79) }
```

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

Here you see how a box with a 4 pixel rgb(171, 79, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 79, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 79, 79);  
box-shadow:4px 4px 4px 4px rgb(171, 79,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0019, 14.8144, 9.1497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 79, 79) }
```

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

```
.background{ background-color: rgb(171, 79,  
79) }
```

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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