

Converting Colors

XYZ(21.8984, 14.6722, 8.6531)

Have a look what the booklet for
XYZ(21.8984, 14.6722, 8.6531)
contains.

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Color

**XYZ(21.8536, 14.6480,
8.6967)**

Conversions

Conversions Part 1

Format	Color
Hex	B1494D
RGB	177, 73, 77
RGB Percent	69%, 29%, 30%
CMY	0.3059, 0.7137, 0.6980
CMYK	0.00, 0.59, 0.56, 0.31
HSL	358°, 42%, 49%
HSV	358°, 59%, 69%
XYZ	21.8536, 14.6480, 8.6967
YIQ	104.5520, 60.7000, 23.2920

Conversions

Conversions Part 2

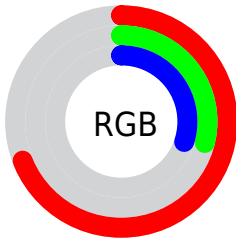
Format	Color
RYB	177, 73, 77
Decimal	11618637
CIELab	45.15, 42.74, 19.30
CIElCh	45, 46.897, 24.297
Yxy	14.6480, 0.4835, 0.3241
Android (android.graphics.Color)	4289808717 (0xFFB1494D)
YUV	104.5520, -13.5831, 63.5369
Hunter-Lab	38.2727, 34.9457, 13.3184

Details

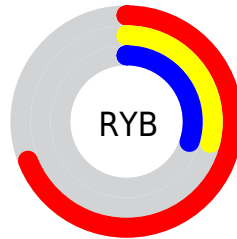
The XYZ color **21.8536, 14.6480, 8.6967** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **26.0136, 35.8783, 45.0920**, and the grayscale version is **13.3308, 14.0250, 15.2732**.

A 20% lighter version of the original color is **46.0246, 34.1781, 23.9099**, and **8.0986, 4.4644, 1.8737** is the 20% darker color. If you saturate the color by 10%, you get **20.3273, 12.4347, 5.6010**, and if you desaturate by 10%, it is **23.8688, 17.5876, 12.7313**.

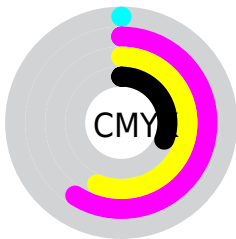
Distribution



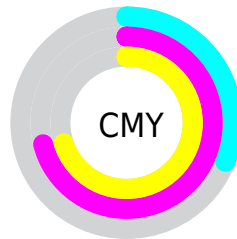
- Red (69%)
- Green (29%)
- Blue (30%)



- Red (69%)
- Yellow (29%)
- Blue (30%)



- Cyan (0%)
- Magenta (59%)
- Yellow (56%)
- Black (31%)



- Cyan (31%)
- Magenta (71%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8536, 14.6480, 8.6967 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 21.8536, 14.6480, 8.6967 by changing the saturation by 10% instead.

■ 21.8536, 14.6480,
8.6967

■ 21.8536, 14.6480,
8.6967

254.4275,
221.2257, 191.2329

■ 13.8654, 8.5727,
4.4498

■ 45.9846, 34.2345,
23.8817

■ 8.1082, 4.4636,
1.8752

■ 62.8580, 48.5145,
35.6568

■ 4.2166, 1.9361,
0.4769

■ 83.4239, 66.2981,
50.7785

■ 1.8254, 0.5699,
0.0000

■ 108.0476, 87.9699,
69.6651

■ 0.5329, 0.0000,
0.0000

■ 137.0945,
113.9141, 92.7354

■ 0.0000, 0.0000,
0.0000

170.9298,

144.5152, 120.4077

209.9191,
180.1576, 153.1007

■ 21.8536, 14.6480,
8.6967

■ 21.8536, 14.6480,
8.6967

■ 20.3273, 12.4347,
5.6010

■ 23.8688, 17.5876,
12.7313

■ 19.2474, 10.8824,
3.3678

■ 26.4084, 21.3066,
17.7714

■ 18.5657, 9.9184,
1.9097

■ 29.5061, 25.8560,
23.8786

■ 18.2043, 9.4145,
1.1139

■ 33.1924, 31.2817,
31.1093

■ 18.1687, 9.3620,
1.0447

■ 37.4955, 37.6263,
39.5159

■ 42.4418, 44.9295,
49.1474

■ 48.0562, 53.2288,
60.0502

■ 54.3624, 62.5598,
72.2683

■ 61.3827, 72.9561,
85.8433

Harmonies

Analogous

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



22.7038, 14.6480, 18.1589



21.8536, 14.6480, 8.6967



18.7253, 14.6480, 4.1571

Triad

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



21.8536, 14.6480, 8.6967



8.7176, 14.6480, 6.4738



13.1970, 14.6480, 47.8843

Complementary

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



21.8536, 14.6480, 8.6967



26.0136, 35.8783, 45.0920

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.



10.0203, 14.6480, 40.2275



21.8536, 14.6480, 8.6967



7.7596, 14.6480, 13.9264

Square

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



21.8536, 14.6480, 8.6967



11.0830, 14.6480, 3.3525



8.1882, 14.6480, 26.4075



17.2097, 14.6480, 44.2747

Rectangle

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



21.8536, 14.6480, 8.6967



16.0322, 14.6480, 2.9814



8.1882, 14.6480, 26.4075



12.0065, 14.6480, 46.4647

Sweetspot

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



21.8540, 14.6488, 8.6970



59.7666, 56.4960, 56.3422



27.2882, 16.6883, 43.3779



12.5177, 11.6033, 11.3590



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.



21.8540, 14.6488, 8.6970



35.6501, 21.1806, 8.4803



26.0271, 23.2139, 9.4133



8.5091, 8.5104, 8.9136



13.1691, 6.7852, 0.7844



0.4187, 0.2152, 0.0476

Inverse Universe

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



21.8540, 14.6488, 8.6970



35.6501, 21.1806, 8.4803



18.6935, 20.6102, 44.5879



8.5091, 8.5104, 8.9136



13.1691, 6.7852, 0.7844



0.4187, 0.2152, 0.0476

Previews

White Background



This preview shows how the XYZ color 21.8536, 14.6480, 8.6967 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 21.8536, 14.6480, 8.6967 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 21.8536, 14.6480, 8.6967

Background



This preview shows how black text looks on a background with the XYZ color 21.8536, 14.6480, 8.6967.



This preview shows how white text looks on a background with the XYZ color 21.8536, 14.6480,

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

21.8536, 14.6480, 8.6967

Protanopia

13.9995, 14.7988, 12.2438

Deuteranopia

15.0732, 14.8355, 8.2000



Tritanopia

21.8892, 14.6623, 8.8841

Trichromacy



Original Color

21.8536, 14.6480, 8.6967

Protanomaly

15.9659, 14.1068, 10.8982

Deuteranomaly

16.9172, 14.2597, 8.3393

Tritanomaly

21.8892, 14.6623, 8.8841

Monochromacy



Original Color

21.8536, 14.6480, 8.6967

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

15.3400, 13.4802, 12.6199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8536, 14.6480, 8.6967 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(177, 73, 77)` looks like.

```
.text, #text, p{  
    color:rgb(177, 73, 77)  
}
```

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(177, 73, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 73, 77) }
```

Border

The CSS property to change the border of an element to XYZ 21.8536, 14.6480, 8.6967 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(177, 73, 77) }
```


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

```
.border{ border-color:rgb(177, 73, 77) }
```

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

Here you see how a box with a 4 pixel rgb(177, 73, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 73, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 73, 77);  
box-shadow:4px 4px 4px 4px rgb(177, 73,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8536, 14.6480, 8.6967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 73, 77) }
```

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

```
.background{ background-color: rgb(177, 73,  
77) }
```

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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