

Converting Colors

XYZ(21.7692, 14.6245, 12.1766)

Have a look what the booklet for
XYZ(21.7692, 14.6245, 12.1766)
contains.

XYZ(21.7027, 14.5899, 12.2620)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.7027, 14.5899,
12.2620)**

Conversions

Conversions Part 1

Format	Color
Hex	AD4A5E
RGB	173, 74, 94
RGB Percent	68%, 29%, 37%
CMY	0.3216, 0.7098, 0.6314
CMYK	0.00, 0.57, 0.46, 0.32
HSL	348°, 40%, 48%
HSV	348°, 57%, 68%
XYZ	21.7027, 14.5899, 12.2620
YIQ	105.8810, 52.5840, 27.2080

Conversions

Conversions Part 2

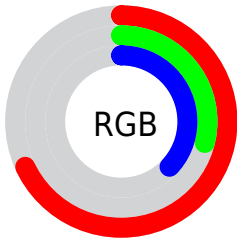
Format	Color
RYB	173, 74, 94
Decimal	11356766
CIELab	45.07, 42.38, 8.71
CIELCh	45, 43.270, 11.608
Yxy	14.5899, 0.4470, 0.3005
Android (android.graphics.Color)	4289546846 (0xFFAD4A5E)
YUV	105.8810, -5.8573, 58.8634
Hunter-Lab	38.1967, 34.5762, 7.7043

Details

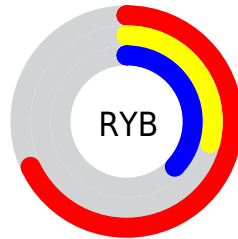
The XYZ color **21.7027, 14.5899, 12.2620** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **23.5181, 33.6431, 35.3932**, and the grayscale version is **13.6729, 14.3850, 15.6653**.

A 20% lighter version of the original color is **45.7736, 34.0911, 30.5533**, and **7.9861, 4.4267, 3.2298** is the 20% darker color. If you saturate the color by 10%, you get **20.1373, 12.3635, 8.9523**, and if you desaturate by 10%, it is **23.6973, 17.4973, 16.2617**.

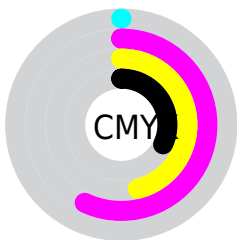
Distribution



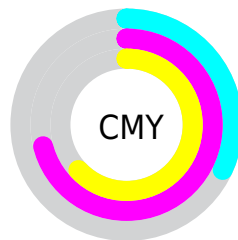
- Red (68%)
- Green (29%)
- Blue (37%)



- Red (68%)
- Yellow (29%)
- Blue (37%)



- Cyan (0%)
- Magenta (57%)
- Yellow (46%)
- Black (32%)





- Cyan (32%)
- Magenta (71%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7027, 14.5899, 12.2620 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 21.7027, 14.5899, 12.2620 by changing the saturation by 10% instead.


 21.7027, 14.5899,
12.2620


 21.7027, 14.5899,
12.2620


253.6514,
220.8704, 217.1713


 13.7540, 8.5321,
6.7977


 45.7367, 34.1321,
30.6429


 8.0303, 4.4373,
3.2594


 62.5526, 48.3853,
44.3965


 4.1663, 1.9210,
1.2285

 83.0550, 66.1391,
61.7504

 1.7967, 0.5610,
0.0021

 107.6092, 87.7778,
83.1229

 0.5157, 0.0000,
0.0000

 136.5806,
113.6859, 108.9328

 0.0000, 0.0000,
0.0000

170.3346,

144.2478, 139.5984

209.2364,
179.8478, 175.5384

■ 21.7027, 14.5899,
12.2620

■ 21.7027, 14.5899,
12.2620

■ 20.1373, 12.3635,
8.9523

■ 23.6973, 17.4973,
16.2617

■ 18.9673, 10.7600,
6.2919

■ 26.1490, 21.1330,
20.9875

■ 18.1555, 9.7153,
4.2365

■ 29.0849, 25.5428,
26.4735

■ 17.6482, 9.1335,
2.7330

■ 32.5295, 30.7679,
32.7517

■ 17.5360, 9.0052,
2.3996

■ 36.5056, 36.8468,
39.8521

■ 41.0346, 43.8153,
47.8031

■ 46.1367, 51.7074,
56.6319

■ 51.8311, 60.5552,
66.3642

■ 58.1362, 70.3891,
77.0248

Harmonies

Analogous

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



21.4216, 14.5899, 22.9016



21.7027, 14.5899, 12.2620



19.6349, 14.5899, 6.1068

Triad

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



21.7027, 14.5899, 12.2620



9.8038, 14.5899, 5.2806



11.8195, 14.5899, 42.6609

Complementary

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



21.7027, 14.5899, 12.2620



23.5181, 33.6431, 35.3932

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.



9.3566, 14.5899, 32.7632



21.7027, 14.5899, 12.2620



8.3375, 14.5899, 10.4729

Square

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



21.7027, 14.5899, 12.2620



12.5363, 14.5899, 3.3876



8.1892, 14.5899, 20.1616



15.2893, 14.5899, 43.8304

Rectangle

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



21.7027, 14.5899, 12.2620



17.3799, 14.5899, 4.1346



8.1892, 14.5899, 20.1616



10.8630, 14.5899, 40.0953

Sweetspot

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



21.7031, 14.5907, 12.2623



58.2094, 55.0285, 58.5674



22.8570, 14.5476, 41.1383



12.3771, 11.5432, 12.2343



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.



21.7031, 14.5907, 12.2623



35.3686, 21.1737, 14.4932



23.2264, 18.8920, 8.9019



8.0689, 8.0408, 8.6739



12.9000, 6.6225, 1.8528



0.3776, 0.1917, 0.1502

Inverse Universe

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



21.7031, 14.5907, 12.2623



35.3686, 21.1737, 14.4932



20.4852, 24.7091, 43.2247



8.0689, 8.0408, 8.6739



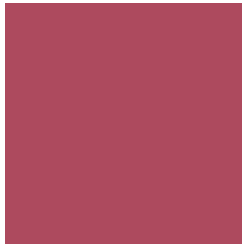
12.9000, 6.6225, 1.8528



0.3776, 0.1917, 0.1502

Previews

White Background



This preview shows how the XYZ color 21.7027, 14.5899, 12.2620 looks on a white background.

Color Contrast Check

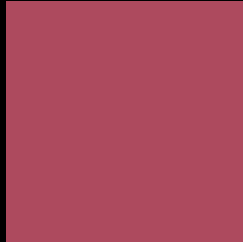
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7027, 14.5899, 12.2620 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 21.7027, 14.5899, 12.2620

Background



This preview shows how black text looks on a background with the XYZ color 21.7027, 14.5899, 12.2620.



This preview shows how white text looks on a background with the XYZ color 21.7027, 14.5899,

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

21.7027, 14.5899, 12.2620

Protanopia

14.3667, 14.8734, 17.4429

Deuteranopia

14.9656, 14.7069, 11.5011



Tritanopia

21.0829, 14.5336, 9.4787

Trichromacy



Original Color

21.7027, 14.5899, 12.2620

Protanomaly

16.1577, 14.1099, 15.2365

Deuteranomaly

16.8708, 14.1604, 11.7416

Tritanomaly

21.2090, 14.4747, 10.4802

Monochromacy



Original Color

21.7027, 14.5899, 12.2620

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

15.6069, 13.7105, 14.3942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7027, 14.5899, 12.2620 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(173, 74, 94)` looks like.

```
.text, #text, p{  
    color:rgb(173, 74, 94)  
}
```

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(173, 74, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 74, 94) }
```

Border

The CSS property to change the border of an element to XYZ 21.7027, 14.5899, 12.2620 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(173, 74, 94) }
```


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

```
.border{ border-color:rgb(173, 74, 94) }
```

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

Here you see how a box with a 4 pixel rgb(173, 74, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 74, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 74, 94);  
box-shadow:4px 4px 4px 4px rgb(173, 74,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7027, 14.5899, 12.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 74, 94) }
```

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

```
.background{ background-color: rgb(173, 74,  
94) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor