

Converting Colors

XYZ(21.5507, 14.0619, 12.4711)

Have a look what the booklet for
XYZ(21.5507, 14.0619, 12.4711)
contains.

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Color

**XYZ(21.4273, 13.9667,
12.3930)**

Conversions

Conversions Part 1

Format	Color
Hex	AD455F
RGB	173, 69, 95
RGB Percent	68%, 27%, 37%
CMY	0.3216, 0.7294, 0.6274
CMYK	0.00, 0.60, 0.45, 0.32
HSL	345°, 43%, 47%
HSV	345°, 60%, 68%
XYZ	21.4273, 13.9667, 12.3930
YIQ	103.0600, 53.6380, 30.1340

Conversions

Conversions Part 2

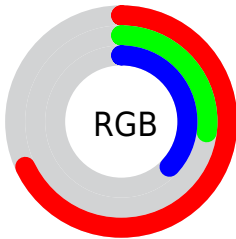
Format	Color
R_{YB}	173, 69, 95
Decimal	11355487
CIE _{Lab}	44.19, 44.89, 6.84
CIE _{LCh}	44, 45.408, 8.667
Yxy	13.9667, 0.4484, 0.2923
Android (android.graphics.Color)	4289545567 (0xFFAD455F)
YUV	103.0600, -3.9736, 61.3374
Hunter-Lab	37.3720, 36.9421, 6.4992

Details

The XYZ color **21.4273, 13.9667, 12.3930** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **22.6651, 33.2593, 32.8311**, and the grayscale version is **12.9088, 13.5810, 14.7897**.

A 20% lighter version of the original color is **45.3491, 33.1192, 30.7906**, and **7.8654, 4.1518, 3.2926** is the 20% darker color. If you saturate the color by 10%, you get **19.9724, 11.9236, 9.2365**, and if you desaturate by 10%, it is **23.2914, 16.6710, 16.1710**.

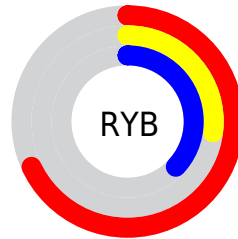
Distribution



Red (68%)

Green (27%)

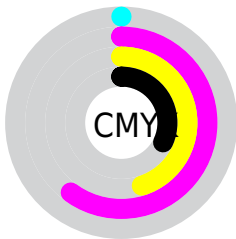
Blue (37%)



Red (68%)

Yellow (27%)

Blue (37%)

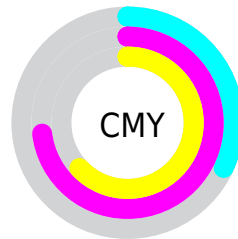


Cyan (0%)

Magenta (60%)

Yellow (45%)

Black (32%)



Cyan (32%)


Magenta (73%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.4273, 13.9667, 12.3930 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 21.4273, 13.9667, 12.3930 by changing the saturation by 10% instead.


 21.4273, 13.9667,
12.3930


 21.4273, 13.9667,
12.3930


252.2297,
217.0236, 218.0594


 13.5509, 8.0975,
6.8861


 45.2835, 33.0299,
30.8839


 7.8886, 4.1574,
3.3136


 61.9941, 46.9928,
44.7050

 4.0750, 1.7620,
1.2569

 82.3802, 64.4223,
62.1347

 1.7446, 0.4633,
0.0261

 106.8070, 85.7028,
83.5914

 0.4840, 0.0000,
0.0000

 135.6401,
111.2188, 109.4937

 0.0000, 0.0000,
0.0000

169.2446,

141.3547, 140.2601

207.9860,
176.4948, 176.3091

■ 21.4273, 13.9667,
12.3930

■ 21.4273, 13.9667,
12.3930

■ 19.9724, 11.9236,
9.2365

■ 23.2914, 16.6710,
16.1710

■ 18.8930, 10.4819,
6.6657

■ 25.5926, 20.0850,
20.6016

■ 18.1513, 9.5747,
4.6423

■ 28.3576, 24.2553,
25.7149

■ 17.6741, 9.0605,
3.1263

■ 31.6105, 29.2239,
31.5387

■ 35.3739, 35.0295,
38.0991

■ 39.6687, 41.7085,
45.4211

■ 44.5149, 49.2950,
53.5284

■ 49.9312, 57.8213,
62.4436

■ 55.9355, 67.3183,
72.1885

Harmonies

Analogous

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



20.8843, 13.9667, 23.6874



21.4273, 13.9667, 12.3930



19.4954, 13.9667, 5.8336

Triad

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



21.4273, 13.9667, 12.3930



9.3786, 13.9667, 4.3390



10.8971, 13.9667, 42.4129

Complementary

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



21.4273, 13.9667, 12.3930



22.6651, 33.2593, 32.8311

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.



8.5422, 13.9667, 31.4016



21.4273, 13.9667, 12.3930



7.7829, 13.9667, 9.0396

Square

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



21.4273, 13.9667, 12.3930



12.2520, 13.9667, 2.7780



7.5074, 13.9667, 18.4185



14.3533, 13.9667, 44.7118

Rectangle

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



21.4273, 13.9667, 12.3930



17.2398, 13.9667, 3.7347



7.5074, 13.9667, 18.4185



9.9700, 13.9667, 39.4273

Sweetspot

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



21.4277, 13.9674, 12.3932



57.7561, 54.0953, 58.4979



21.7042, 13.4773, 40.9926



12.1640, 11.1607, 12.0291



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.



21.4277, 13.9674, 12.3932



35.0920, 20.4314, 14.9835



22.4006, 17.4992, 7.8282



8.0843, 8.0470, 8.7548



13.0042, 6.6642, 2.4016



0.3836, 0.1941, 0.1820

Inverse Universe

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



21.4277, 13.9674, 12.3932



35.0920, 20.4314, 14.9835



20.4314, 25.1505, 43.3129



8.0843, 8.0470, 8.7548



13.0042, 6.6642, 2.4016



0.3836, 0.1941, 0.1820

Previews

White Background



This preview shows how the XYZ color 21.4273, 13.9667, 12.3930 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 21.4273, 13.9667, 12.3930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

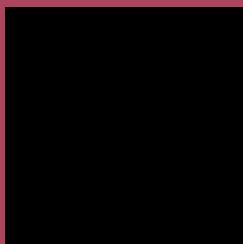
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.4273, 13.9667, 12.3930

Background



This preview shows how black text looks on a background with the XYZ color 21.4273, 13.9667, 12.3930.



This preview shows how white text looks on a background with the XYZ color 21.4273, 13.9667,

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

21.4273, 13.9667, 12.3930

Protanopia

13.7537, 14.0815, 18.2128

Deuteranopia

14.3843, 14.1105, 11.6383



Tritanopia

20.6702, 13.9412, 8.6227

Trichromacy



Original Color

21.4273, 13.9667, 12.3930

Protanomaly

15.5011, 13.2320, 15.9244

Deuteranomaly

16.3194, 13.4929, 11.8695

Tritanomaly

20.8667, 13.9172, 9.9740

Monochromacy



Original Color

21.4273, 13.9667, 12.3930

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

14.9434, 12.9915, 13.7766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4273, 13.9667, 12.3930 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, 69, 95)` looks like.

```
.text, #text, p{  
    color:rgb(173, 69, 95)  
}
```

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, 69, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 69, 95) }
```

Border

The CSS property to change the border of an element to XYZ 21.4273, 13.9667, 12.3930 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, 69, 95) }
```


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

```
.border{ border-color:rgb(173, 69, 95) }
```

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

Here you see how a box with a 4 pixel rgb(173, 69, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 69, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 69, 95);  
box-shadow:4px 4px 4px 4px rgb(173, 69,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4273, 13.9667, 12.3930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 69, 95) }
```

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

```
.background{ background-color: rgb(173, 69,  
95) }
```

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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