

Converting Colors

XYZ(26.2397, 17.3954, 9.9573)

Have a look what the booklet for
XYZ(26.2397, 17.3954, 9.9573)
contains.

XYZ(26.2397, 17.3954, 9.9573)	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(26.2397, 17.3954,
9.9573)**

Conversions

Conversions Part 1

Format	Color
Hex	C14E52
RGB	193, 78, 82
RGB Percent	76%, 31%, 32%
CMY	0.2431, 0.6941, 0.6784
CMYK	0.00, 0.60, 0.58, 0.24
HSL	358°, 48%, 53%
HSV	358°, 60%, 76%
XYZ	26.2397, 17.3954, 9.9573
YIQ	112.8410, 67.2560, 25.6240

Conversions

Conversions Part 2

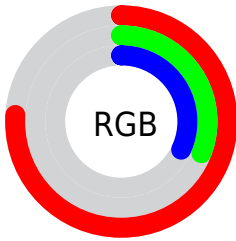
Format	Color
RYB	193, 78, 82
Decimal	12668498
CIELab	48.75, 46.46, 21.54
CIElCh	49, 51.206, 24.875
Yxy	17.3954, 0.4896, 0.3246
Android (android.graphics.Color)	4290858578 (0xFFC14E52)
YUV	112.8410, -15.2046, 70.2994
Hunter-Lab	41.7078, 39.3114, 15.0406

Details

The XYZ color **26.2397, 17.3954, 9.9573** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **31.3983, 43.4342, 54.8762**, and the grayscale version is **15.6792, 16.4957, 17.9639**.

A 20% lighter version of the original color is **53.0861, 38.9421, 26.1914**, and **10.4336, 5.7382, 2.3079** is the 20% darker color. If you saturate the color by 10%, you get **24.4488, 14.7983, 6.3249**, and if you desaturate by 10%, it is **28.6262, 20.8759, 14.7378**.

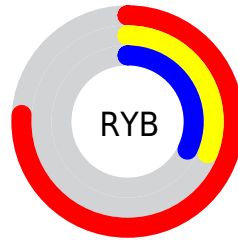
Distribution



Red (76%)

Green (31%)

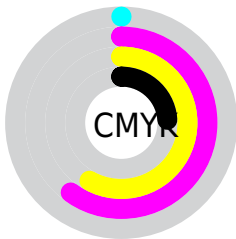
Blue (32%)



Red (76%)

Yellow (31%)

Blue (32%)

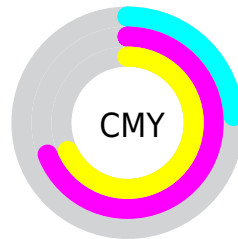


Cyan (0%)

Magenta (60%)

Yellow (58%)

Black (24%)



Cyan (24%)


Magenta (69%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2397, 17.3954, 9.9573 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 26.2397, 17.3954, 9.9573 by changing the saturation by 10% instead.


 26.2397, 17.3954,
9.9573


 26.2397, 17.3954,
9.9573


276.1919,
237.4408, 200.8408


 17.1367, 10.5168,
5.2654


 53.0899, 39.0044,
26.3217


 10.4279, 5.7429,
2.3424


 71.5679, 54.5035,
38.8313


 5.7480, 2.6894,
0.7548

 93.9014, 73.6450,
54.7839

 2.7317, 0.9718,
0.0000

 120.4561, 96.8132,
74.5981

 1.0135, 0.0000,
0.0000

 151.5971,
124.3924, 98.6923

 0.0000, 0.0000,
0.0000

187.6898,

156.7672, 127.4851

229.0997,
194.3218, 161.3951

■ 26.2397, 17.3954,
9.9573

■ 26.2397, 17.3954,
9.9573

■ 24.4488, 14.7983,
6.3249

■ 28.6262, 20.8759,
14.7378

■ 23.1999, 13.0028,
3.7436

■ 31.6532, 25.3067,
20.7511

■ 22.4320, 11.9166,
2.1017

■ 35.3627, 30.7512,
28.0746

■ 22.0420, 11.3713,
1.2480

■ 39.7928, 37.2669,
36.7794

■ 22.0290, 11.3521,
1.2226

■ 44.9788, 44.9066,
46.9313

■ 50.9537, 53.7200,
58.5921

■ 57.7485, 63.7536,
71.8197

■ 65.3926, 75.0514,
86.6691

■ 73.9137, 87.6553,
103.1928

Harmonies

Analogous

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



27.3542, 17.3954, 21.3655



26.2397, 17.3954, 9.9573



22.3416, 17.3954, 4.6214

Triad

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



26.2397, 17.3954, 9.9573



10.1520, 17.3954, 7.5548



15.7341, 17.3954, 58.5605

Complementary

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



26.2397, 17.3954, 9.9573



31.3983, 43.4342, 54.8762

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.



11.8313, 17.3954, 49.2515



26.2397, 17.3954, 9.9573



9.0256, 17.3954, 16.7065

Square

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



26.2397, 17.3954, 9.9573



12.9939, 17.3954, 3.7706



9.5760, 17.3954, 32.1536



20.6645, 17.3954, 53.7866

Rectangle

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



26.2397, 17.3954, 9.9573



19.0237, 17.3954, 3.2774



9.5760, 17.3954, 32.1536



14.2712, 17.3954, 56.8819

Sweetspot

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



26.2401, 17.3964, 9.9576



72.3993, 68.4086, 68.0872



32.9052, 19.8963, 52.5580



14.9919, 13.8808, 13.5476



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.2401, 17.3964, 9.9576



43.1344, 25.5606, 9.9876



31.3175, 27.7874, 10.9219



10.0871, 10.0834, 10.5490



14.6581, 7.5530, 0.8455



0.6383, 0.3283, 0.0628

Inverse Universe

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



26.2401, 17.3964, 9.9576



43.1344, 25.5606, 9.9876



22.3302, 24.5946, 54.0222



10.0871, 10.0834, 10.5490



14.6581, 7.5530, 0.8455



0.6383, 0.3283, 0.0628

Previews

White Background



This preview shows how the XYZ color 26.2397, 17.3954, 9.9573 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 26.2397, 17.3954, 9.9573 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 26.2397, 17.3954, 9.9573

Background



This preview shows how black text looks on a background with the XYZ color 26.2397, 17.3954, 9.9573.

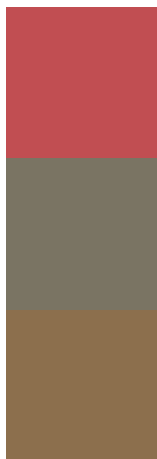


This preview shows how white text looks on a background with the XYZ color 26.2397, 17.3954,

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

26.2397, 17.3954, 9.9573

Protanopia

16.5236, 17.5292, 14.3170

Deuteranopia

17.8392, 17.4801, 9.4550



Tritanopia

26.2780, 17.4108, 10.1592

Trichromacy



Original Color

26.2397, 17.3954, 9.9573

Protanomaly

18.9399, 16.5890, 12.5597

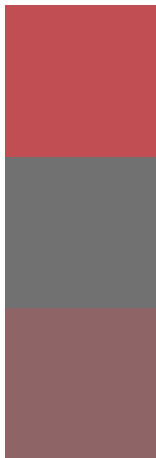
Deuteranomaly

20.1712, 16.8591, 9.5881

Tritanomaly

26.2780, 17.4108, 10.1592

Monochromacy



Original Color

26.2397, 17.3954, 9.9573

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

18.1108, 15.8244, 14.6703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2397, 17.3954, 9.9573 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(193, 78, 82)` looks like.

```
.text, #text, p{  
    color:rgb(193, 78, 82)  
}
```

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(193, 78, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 78, 82) }
```

Border

The CSS property to change the border of an element to XYZ 26.2397, 17.3954, 9.9573 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(193, 78, 82) }
```


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

```
.border{ border-color:rgb(193, 78, 82) }
```

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

Here you see how a box with a 4 pixel rgb(193, 78, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 78, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 78, 82);  
box-shadow:4px 4px 4px 4px rgb(193, 78,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2397, 17.3954, 9.9573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 78, 82) }
```

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

```
.background{ background-color: rgb(193, 78,  
82) }
```

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