

Converting Colors

XYZ(26.7900, 16.7442, 7.9509)

Have a look what the booklet for
XYZ(26.7900, 16.7442, 7.9509)
contains.

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Color

**XYZ(26.7900, 16.7442,
7.9509)**

Conversions

Conversions Part 1

Format	Color
Hex	C74448
RGB	199, 68, 72
RGB Percent	78%, 27%, 28%
CMY	0.2196, 0.7333, 0.7176
CMYK	0.00, 0.66, 0.64, 0.22
HSL	358°, 54%, 52%
HSV	358°, 66%, 78%
XYZ	26.7900, 16.7442, 7.9509
YIQ	107.6250, 76.7920, 29.0160

Conversions

Conversions Part 2

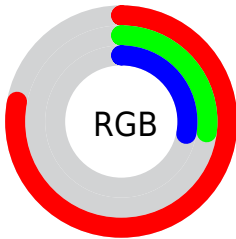
Format	Color
R_{YB}	199, 68, 72
Decimal	13059144
CIE Lab	47.94, 52.24, 26.64
CIE LCh	48, 58.643, 27.018
Yxy	16.7442, 0.5203, 0.3252
Android (android.graphics.Color)	4291249224 (0xFFC74448)
YUV	107.6250, -17.5631, 80.1359
Hunter-Lab	40.9197, 45.2540, 17.1234

Details

The XYZ color **26.7900, 16.7442, 7.9509** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **32.6588, 46.0163, 58.7944**, and the grayscale version is **14.1822, 14.9208, 16.2487**.

A 20% lighter version of the original color is **51.7741, 36.8064, 22.4647**, and **10.6908, 5.4871, 1.5943** is the 20% darker color. If you saturate the color by 10%, you get **25.2503, 14.5192, 4.8046**, and if you desaturate by 10%, it is **28.9363, 19.8668, 12.2738**.

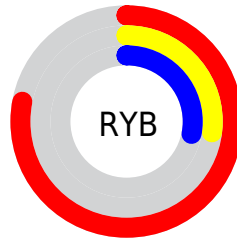
Distribution



Red (78%)

Green (27%)

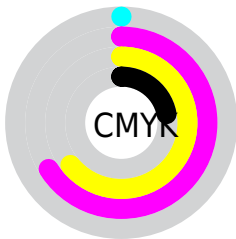
Blue (28%)



Red (78%)

Yellow (27%)

Blue (28%)

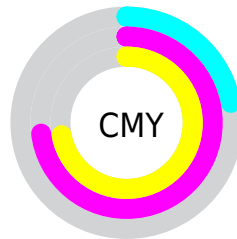


Cyan (0%)

Magenta (66%)

Yellow (64%)

Black (22%)



Cyan (22%)


Magenta (73%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7900, 16.7442, 7.9509 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 26.7900, 16.7442, 7.9509 by changing the saturation by 10% instead.


 26.7900, 16.7442,
7.9509


 26.7900, 16.7442,
7.9509


278.8250,
233.6939, 185.2666


 17.5513, 10.0523,
3.9762


 53.9690, 37.8854,
22.4067


 10.7261, 5.4336,
1.6123


 72.6400, 53.1036,
33.7249

 5.9489, 2.5039,
0.2996


 95.1858, 71.9325,
48.3281

 2.8544, 0.8786,
0.0000

 121.9719, 94.7567,
66.6347

 1.0772, 0.0000,
0.0000

 153.3635,
121.9606, 89.0633

 0.0059, 0.0000,
0.0000

189.7259,

 0.0000, 0.0000,

153.9285, 116.0325

0.0000

231.4247,
191.0448, 147.9607

■ 26.7900, 16.7442,
7.9509

■ 26.7900, 16.7442,
7.9509

■ 25.2503, 14.5192,
4.8046

■ 28.9363, 19.8668,
12.2738

■ 24.2536, 13.0946,
2.7186

■ 31.7420, 23.9653,
17.8729

■ 23.7233, 12.3544,
1.5541

■ 35.2555, 29.1128,
24.8384

■ 23.5863, 12.1553,
1.2773

■ 39.5203, 35.3745,
33.2518

■ 44.5765, 42.8105,
43.1885

■ 50.4614, 51.4765,
54.7184

■ 57.2096, 61.4246,
67.9072

■ 64.8542, 72.7040,
82.8171

■ 73.4263, 85.3612,
99.5067

Harmonies

Analogous

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



28.3696, 16.7442, 19.7878



26.7900, 16.7442, 7.9509



22.1110, 16.7442, 3.0958

Triad

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



26.7900, 16.7442, 7.9509



8.8232, 16.7442, 6.5363



15.3921, 16.7442, 65.4594

Complementary

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



26.7900, 16.7442, 7.9509



32.6588, 46.0163, 58.7944

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.



11.0001, 16.7442, 55.1507



26.7900, 16.7442, 7.9509



7.7723, 16.7442, 16.7592

Square

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



26.7900, 16.7442, 7.9509



11.7314, 16.7442, 2.6544



8.4713, 16.7442, 34.9006



20.9905, 16.7442, 58.3782

Rectangle

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



26.7900, 16.7442, 7.9509



18.3081, 16.7442, 2.0367



8.4713, 16.7442, 34.9006



13.7398, 16.7442, 63.8218

Sweetspot

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



26.7904, 16.7452, 7.9512



73.9194, 68.8803, 67.5085



34.7873, 19.8120, 56.0231



15.2892, 13.9601, 13.4027



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.7904, 16.7452, 7.9512



43.3458, 24.1796, 6.6148



32.4651, 28.2962, 9.2208



10.6467, 10.6421, 11.1231



15.1725, 7.8186, 0.8523



0.7231, 0.3721, 0.0650

Inverse Universe

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



26.7904, 16.7452, 7.9512



43.3458, 24.1796, 6.6148



21.7631, 23.4925, 57.4200



10.6467, 10.6421, 11.1231



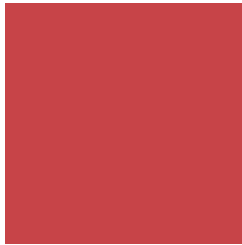
15.1725, 7.8186, 0.8523



0.7231, 0.3721, 0.0650

Previews

White Background



This preview shows how the XYZ color 26.7900, 16.7442, 7.9509 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 26.7900, 16.7442, 7.9509 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 26.7900, 16.7442, 7.9509

Background



This preview shows how black text looks on a background with the XYZ color 26.7900, 16.7442, 7.9509.



This preview shows how white text looks on a background with the XYZ color 26.7900, 16.7442,

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

26.7900, 16.7442, 7.9509

Protanopia

15.9317, 16.9275, 12.3252

Deuteranopia

17.0702, 16.8079, 7.3456



Tritanopia

26.7900, 16.7442, 7.9509

Trichromacy



Original Color

26.7900, 16.7442, 7.9509

Protanomaly

18.4526, 15.6735, 10.4402

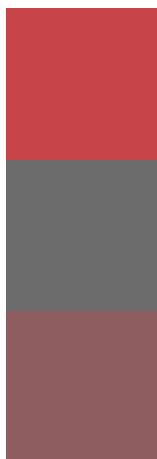
Deuteranomaly

19.7440, 15.9998, 7.5165

Tritanomaly

26.7900, 16.7442, 7.9509

Monochromacy



Original Color

26.7900, 16.7442, 7.9509

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

16.9644, 14.3176, 12.6959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7900, 16.7442, 7.9509 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(199, 68, 72)` looks like.

```
.text, #text, p{  
    color:rgb(199, 68, 72)  
}
```

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(199, 68, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 68, 72) }
```

Border

The CSS property to change the border of an element to XYZ 26.7900, 16.7442, 7.9509 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(199, 68, 72) }
```


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

```
.border{ border-color:rgb(199, 68, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 68, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 68, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 68, 72);  
box-shadow:4px 4px 4px 4px rgb(199, 68,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7900, 16.7442, 7.9509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 68, 72) }
```

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

```
.background{ background-color: rgb(199, 68,  
72) }
```

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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