

Converting Colors

XYZ(25.7249, 15.7466, 7.9380)

Have a look what the booklet for
XYZ(25.7249, 15.7466, 7.9380)
contains.

XYZ(25.7451, 15.7718, 7.9907)	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(25.7451, 15.7718,
7.9907)**

Conversions

Conversions Part 1

Format	Color
Hex	C43F49
RGB	196, 63, 73
RGB Percent	77%, 25%, 29%
CMY	0.2314, 0.7529, 0.7137
CMYK	0.00, 0.68, 0.63, 0.23
HSL	355°, 53%, 51%
HSV	355°, 68%, 77%
XYZ	25.7451, 15.7718, 7.9907
YIQ	103.9070, 76.0580, 31.3060

Conversions

Conversions Part 2

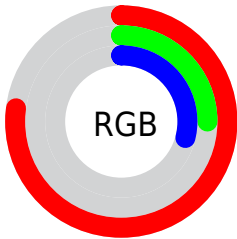
Format	Color
R_{YB}	196, 63, 73
Decimal	12861257
CIE Lab	46.67, 53.37, 24.32
CIE LCh	47, 58.647, 24.503
Yxy	15.7718, 0.5200, 0.3186
Android (android.graphics.Color)	4291051337 (0xFFC43F49)
YUV	103.9070, -15.2372, 80.7656
Hunter-Lab	39.7137, 46.2166, 15.8700

Details

The XYZ color **25.7451, 15.7718, 7.9907** 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 **30.6540, 44.0823, 53.3515**, and the grayscale version is **13.1592, 13.8445, 15.0767**.

A 20% lighter version of the original color is **51.2313, 35.6220, 22.5879**, and **10.3877, 5.3280, 1.7092** is the 20% darker color. If you saturate the color by 10%, you get **24.3302, 13.7679, 4.9737**, and if you desaturate by 10%, it is **27.7221, 18.6200, 12.0594**.

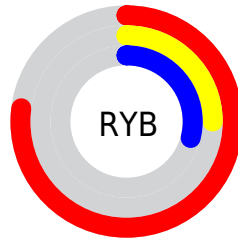
Distribution



Red (77%)

Green (25%)

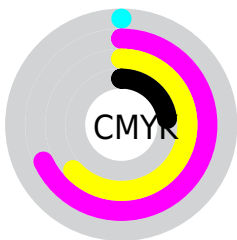
Blue (29%)



Red (77%)

Yellow (25%)

Blue (29%)

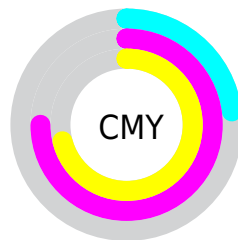


Cyan (0%)

Magenta (68%)

Yellow (63%)

Black (23%)



Cyan (23%)

Magenta (75%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7451, 15.7718, 7.9907 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 25.7451, 15.7718, 7.9907 by changing the saturation by 10% instead.

■ 25.7451, 15.7718,
7.9907

■ 25.7451, 15.7718,
7.9907

273.8082,
227.9914, 185.5909

■ 16.7647, 9.3628,
4.0013

■ 52.2977, 36.2016,
22.4861

■ 10.1611, 4.9786,
1.6261

■ 70.6006, 50.9912,
33.8292

■ 5.5690, 2.2347,
0.3093

■ 92.7417, 69.3431,
48.4605

■ 2.6230, 0.7388,
0.0000

■ 119.0865, 91.6417,
66.7988

■ 0.9577, 0.0000,
0.0000

■ 150.0001,
118.2715, 89.2624

■ 0.0000, 0.0000,
0.0000

185.8481,

149.6167, 116.2699

226.9957,
186.0619, 148.2399

■ 25.7451, 15.7718,
7.9907

■ 25.7451, 15.7718,
7.9907

■ 24.3302, 13.7679,
4.9737

■ 27.7221, 18.6200,
12.0594

■ 23.4175, 12.5131,
2.9105

■ 30.3108, 22.3891,
17.2641

■ 22.9249, 11.8728,
1.6826

■ 33.5566, 27.1500,
23.6815

■ 22.8492, 11.7694,
1.5092

■ 37.5003, 32.9662,
31.3813

■ 42.1793, 39.8955,
40.4280

■ 47.6284, 47.9920,
50.8816

■ 53.8801, 57.3058,
62.7987

■ 60.9651, 67.8844,
76.2326

■ 68.9126, 79.7726,
91.2341

Harmonies

Analogous

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



26.9603, 15.7718, 19.9930



25.7451, 15.7718, 7.9907



21.4044, 15.7718, 2.9857

Triad

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



25.7451, 15.7718, 7.9907



8.3641, 15.7718, 5.5161



14.0747, 15.7718, 62.7495

Complementary

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



25.7451, 15.7718, 7.9907



30.6540, 44.0823, 53.3515

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.



10.0061, 15.7718, 51.4777



25.7451, 15.7718, 7.9907



7.2211, 15.7718, 14.6311

Square

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



25.7451, 15.7718, 7.9907



11.2951, 15.7718, 2.2266



7.7461, 15.7718, 31.5756



19.4153, 15.7718, 57.2495

Rectangle

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



25.7451, 15.7718, 7.9907



17.7535, 15.7718, 1.8637



7.7461, 15.7718, 31.5756



12.5304, 15.7718, 60.6664

Sweetspot

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



25.7455, 15.7727, 7.9910



74.1974, 68.9915, 68.9722



31.7293, 17.8454, 53.9966



15.3542, 13.9861, 13.7447



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.



25.7455, 15.7727, 7.9910



43.2400, 23.7807, 7.1571



30.1905, 25.1510, 7.9673



10.1032, 10.0899, 10.6341



14.6943, 7.5675, 1.0363



0.6457, 0.3313, 0.1014

Inverse Universe

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



25.7455, 15.7727, 7.9910



43.2400, 23.7807, 7.1571



21.4782, 23.9706, 55.7192



10.1032, 10.0899, 10.6341



14.6943, 7.5675, 1.0363



0.6457, 0.3313, 0.1014

Previews

White Background



This preview shows how the XYZ color 25.7451, 15.7718, 7.9907 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 25.7451, 15.7718, 7.9907 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 25.7451, 15.7718, 7.9907

Background



This preview shows how black text looks on a background with the XYZ color 25.7451, 15.7718, 7.9907.



This preview shows how white text looks on a background with the XYZ color 25.7451, 15.7718,

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

25.7451, 15.7718, 7.9907

Protanopia

14.9963, 15.9411, 12.6425

Deuteranopia

16.1291, 15.8523, 7.3640



Tritanopia

25.6115, 15.8078, 7.0115

Trichromacy



Original Color

25.7451, 15.7718, 7.9907

Protanomaly

17.5365, 14.7883, 10.7342

Deuteranomaly

18.6350, 14.9101, 7.5260

Tritanomaly

25.6725, 15.8322, 7.3331

Monochromacy



Original Color

25.7451, 15.7718, 7.9907

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

15.8647, 13.2534, 12.0779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7451, 15.7718, 7.9907 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(196, 63, 73)` looks like.

```
.text, #text, p{  
    color:rgb(196, 63, 73)  
}
```

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(196, 63, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 63, 73) }
```

Border

The CSS property to change the border of an element to XYZ 25.7451, 15.7718, 7.9907 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(196, 63, 73) }
```


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

```
.border{ border-color:rgb(196, 63, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 63, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 63, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 63, 73);  
box-shadow:4px 4px 4px 4px rgb(196, 63,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7451, 15.7718, 7.9907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 63, 73) }
```

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

```
.background{ background-color: rgb(196, 63,  
73) }
```

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