

Converting Colors

XYZ(24.9765, 12.6680, 10.5600)

Have a look what the booklet for
XYZ(24.9765, 12.6680, 10.5600)
contains.

XYZ(25.0919, 12.7270, 10.5853)	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(25.0919, 12.7270,
10.5853)**

Conversions

Conversions Part 1

Format	Color
Hex	C60059
RGB	198, 0, 89
RGB Percent	78%, 0%, 35%
CMY	0.2235, 0.9999, 0.6510
CMYK	0.00, 1.00, 0.55, 0.22
HSL	333°, 100%, 39%
HSV	333°, 100%, 78%
XYZ	25.0919, 12.7270, 10.5853
YIQ	69.3480, 89.4390, 69.6550

Conversions

Conversions Part 2

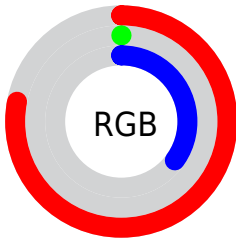
Format	Color
R_{YB}	198, 0, 89
Decimal	12976217
CIE _{Lab}	42.35, 69.25, 8.64
CIE _{LCh}	42, 69.784, 7.111
Yxy	12.7270, 0.5184, 0.2629
Android (android.graphics.Color)	4291166297 (0xFFC60059)
YUV	69.3480, 9.6884, 112.8278
Hunter-Lab	35.6749, 63.1166, 7.3802

Details

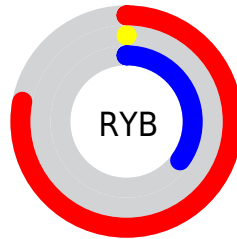
The XYZ color **25.0919, 12.7270, 10.5853** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **22.9566, 41.4932, 21.2767**, and the grayscale version is **5.6910, 5.9874, 6.5203**.

A 20% lighter version of the original color is **49.2280, 29.7797, 27.5795**, and **10.7712, 5.5002, 2.8768** is the 20% darker color. If you saturate the color by 10%, you get **25.0910, 12.7267, 10.5811**, and if you desaturate by 10%, it is **25.8314, 13.4185, 13.2604**.

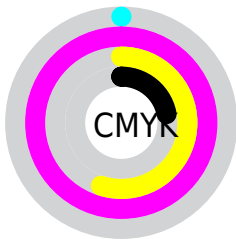
Distribution



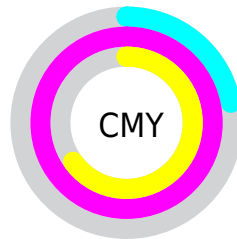
- Red (78%)
- Green (0%)
- Blue (35%)



- Red (78%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (22%)





- Cyan (22%)
- Magenta (100%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0919, 12.7270, 10.5853 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 25.0919, 12.7270, 10.5853 by changing the saturation by 10% instead.


 25.0919, 12.7270,
10.5853


 25.0919, 12.7270,
10.5853


270.6345,
209.1606, 205.4342

 16.2746, 7.2408,
5.6781


 51.2481, 30.8124,
27.5156


 9.8108, 3.6132,
2.5847


 69.3177, 44.1805,
40.3757


 5.3350, 1.4596,
0.8846

 91.2022, 60.9447,
56.7238

 2.4819, 0.2600,
0.0000

 117.2669, 81.4893,
76.9786

 0.8861, 0.0000,
0.0000

 147.8771,
106.1988, 101.5584

 0.0000, 0.0000,
0.0000

 183.3982,

135.4576, 130.8820

224.1955,
169.6501, 165.3677

■ 25.0919, 12.7270,
10.5853

■ 25.0919, 12.7270,
10.5853

■ 25.0910, 12.7267,
10.5811

■ 25.8314, 13.4185,
13.2604

■ 26.8937, 14.6422,
16.3912

■ 28.3697, 16.5764,
20.0213

■ 30.3082, 19.3143,
24.1791

■ 32.7504, 22.9346,
28.8902

■ 35.7329, 27.5069,
34.1779

■ 39.2886, 33.0934,
40.0640

■ 43.4476, 39.7511,
46.5688

■ 48.2380, 47.5328,
53.7118

Harmonies

Analogous

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



23.9463, 12.7270, 28.3718



25.0919, 12.7270, 10.5853



22.0343, 12.7270, 2.7243

Triad

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



25.0919, 12.7270, 10.5853



6.9816, 12.7270, 1.2362



8.5877, 12.7270, 61.0184

Complementary

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



25.0919, 12.7270, 10.5853



22.9566, 41.4932, 21.2767

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.



5.7125, 12.7270, 39.5554



25.0919, 12.7270, 10.5853



4.9894, 12.7270, 5.3954

Square

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



25.0919, 12.7270, 10.5853



10.8924, 12.7270, 0.2635



4.6034, 12.7270, 17.7429



13.3865, 12.7270, 66.6894

Rectangle

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



25.0919, 12.7270, 10.5853



18.4294, 12.7270, 1.0085



4.6034, 12.7270, 17.7429



7.4114, 12.7270, 54.9172

Sweetspot

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



25.0922, 12.7278, 10.5855



69.2550, 58.0981, 70.4343



16.4897, 7.3238, 53.9705



14.2238, 11.4888, 14.0975



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.



25.0922, 12.7278, 10.5855



44.3114, 22.4886, 18.1037



23.3967, 12.2214, 1.1268



10.8287, 10.7149, 12.0811



16.3592, 8.2933, 7.1015



0.8110, 0.4072, 0.5278

Inverse Universe

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



25.0922, 12.7278, 10.5855



44.3114, 22.4886, 18.1037



28.1984, 40.0873, 59.6774



10.8287, 10.7149, 12.0811



16.3592, 8.2933, 7.1015



0.8110, 0.4072, 0.5278

Previews

White Background



This preview shows how the XYZ color 25.0919, 12.7270, 10.5853 looks on a white background.

Color Contrast Check

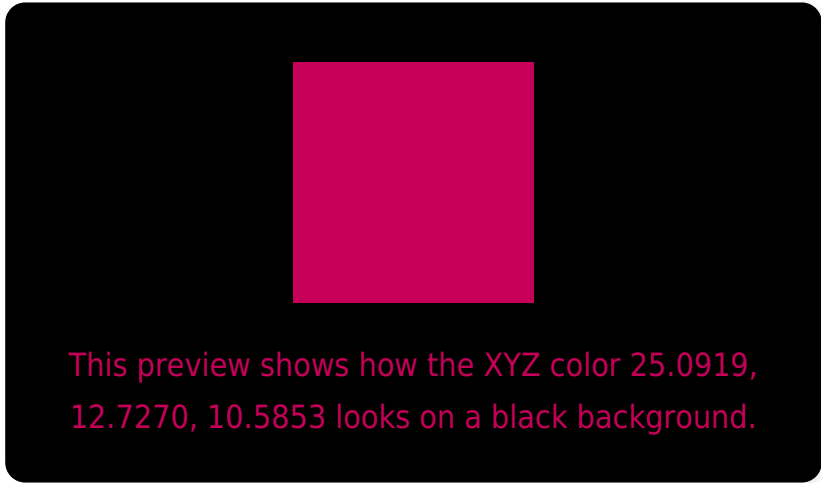
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 25.0919, 12.7270, 10.5853

Background



This preview shows how black text looks on a background with the XYZ color 25.0919, 12.7270, 10.5853.



This preview shows how white text looks on a background with the XYZ color 25.0919, 12.7270,

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

25.0919, 12.7270, 10.5853

Protanopia

13.3354, 13.3252, 22.6381

Deuteranopia

13.5986, 13.3225, 9.6394



Tritanopia

23.6694, 13.0592, 2.8633

Trichromacy



Original Color

25.0919, 12.7270, 10.5853

Protanomaly

14.3864, 9.7872, 17.0505

Deuteranomaly

15.5356, 10.3812, 9.5725

Tritanomaly

24.0025, 12.7200, 4.8046

Monochromacy



Original Color

25.0919, 12.7270, 10.5853

Achromatopsia

5.6565, 5.9511, 6.4808

Achromatomaly

9.4076, 6.0362, 7.5067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0919, 12.7270, 10.5853 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(198, 0, 89)` looks like.

```
.text, #text, p{  
    color:rgb(198, 0, 89)  
}
```

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(198, 0, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 0, 89) }
```

Border

The CSS property to change the border of an element to XYZ 25.0919, 12.7270, 10.5853 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(198, 0, 89) }
```


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

```
.border{ border-color:rgb(198, 0, 89) }
```

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

Here you see how a box with a 4 pixel rgb(198, 0, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 0, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 0, 89);  
box-shadow:4px 4px 4px 4px rgb(198, 0, 89)  
}
```

Background

The CSS property to change the background color of an element to XYZ 25.0919, 12.7270, 10.5853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 0, 89) }
```

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

```
.background{ background-color: rgb(198, 0,  
89) }
```

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