

Converting Colors

XYZ(26.9033, 14.5980, 18.6036)

Have a look what the booklet for
XYZ(26.9033, 14.5980, 18.6036)
contains.

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Color

**XYZ(26.7938, 14.5614,
18.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	C42876
RGB	196, 40, 118
RGB Percent	77%, 16%, 46%
CMY	0.2314, 0.8431, 0.5373
CMYK	0.00, 0.80, 0.40, 0.23
HSL	330°, 66%, 46%
HSV	330°, 80%, 77%
XYZ	26.7938, 14.5614, 18.5380
YIQ	95.5360, 67.9380, 57.3300

Conversions

Conversions Part 2

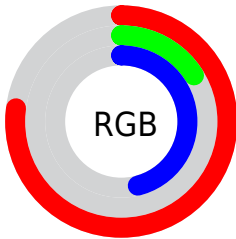
Format	Color
R_{YB}	196, 40, 118
Decimal	12855414
CIE _{Lab}	45.03, 64.80, -5.63
CIE _{LCh}	45, 65.039, 355.035
Yxy	14.5614, 0.4474, 0.2431
Android (android.graphics.Color)	4291045494 (0xFFC42876)
YUV	95.5360, 11.0748, 88.1069
Hunter-Lab	38.1594, 58.5556, -2.0918

Details

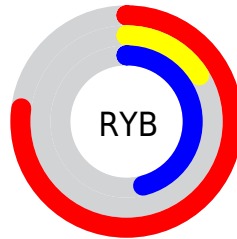
The XYZ color **26.7938, 14.5614, 18.5380** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **23.8862, 41.2395, 23.8444**, and the grayscale version is **10.9701, 11.5414, 12.5686**.

A 20% lighter version of the original color is **53.2471, 33.6650, 41.7218**, and **11.4220, 5.7606, 6.3042** is the 20% darker color. If you saturate the color by 10%, you get **25.7399, 13.3377, 15.4609**, and if you desaturate by 10%, it is **28.2438, 16.4803, 22.0459**.

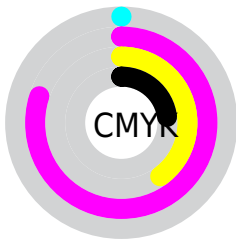
Distribution



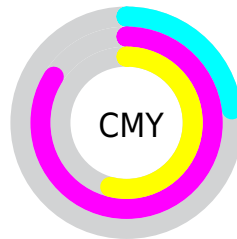
- Red (77%)
- Green (16%)
- Blue (46%)



- Red (77%)
- Yellow (16%)
- Blue (46%)



- Cyan (0%)
- Magenta (80%)
- Yellow (40%)
- Black (23%)





- Cyan (23%)
- Magenta (84%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7938, 14.5614, 18.5380 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 26.7938, 14.5614, 18.5380 by changing the saturation by 10% instead.

 26.7938, 14.5614,
18.5380


 26.7938, 14.5614,
18.5380


278.8431,
220.6959, 256.2234


 17.5542, 8.5122,
11.1635


 53.9750, 34.0819,
41.7782

 10.7282, 4.4244,
6.0614


 72.6474, 48.3219,
58.4810


 5.9503, 1.9137,
2.8130


 95.1947, 66.0610,
79.1303

 2.8552, 0.5566,
1.0000

 121.9823, 87.6835,
104.1446

 1.0777, 0.0000,
0.0000

 153.3756,
113.5739, 133.9426

 0.0063, 0.0000,
0.0000

 189.7400,

 0.0000, 0.0000,

144.1165, 168.9427

0.0000

231.4407,
179.6957, 209.5634

■ 26.7938, 14.5614,
18.5380

■ 26.7938, 14.5614,
18.5380

■ 25.7399, 13.3377,
15.4609

■ 28.2438, 16.4803,
22.0459

■ 24.9973, 12.6428,
12.7771

■ 30.1350, 19.1819,
26.0081

■ 24.9692, 12.6175,
12.6728

■ 32.5072, 22.7432,
30.4463

■ 35.3953, 27.2313,
35.3800

■ 38.8307, 32.7065,
40.8276

■ 42.8422, 39.2241,
46.8060

■ 47.4566, 46.8351,
53.3315

■ 52.6988, 55.5873,
60.4193

■ 58.5924, 65.5255,
68.0840

Harmonies

Analogous

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



24.0730, 14.5614, 39.3772



26.7938, 14.5614, 18.5380



25.3810, 14.5614, 6.3838

Triad

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



26.7938, 14.5614, 18.5380



9.9346, 14.5614, 1.3501



8.7512, 14.5614, 54.2152

Complementary

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



26.7938, 14.5614, 18.5380



23.8862, 41.2395, 23.8444

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.



6.4668, 14.5614, 31.8348



26.7938, 14.5614, 18.5380



7.0167, 14.5614, 4.2696

Square

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



26.7938, 14.5614, 18.5380



14.7478, 14.5614, 0.8976



5.9251, 14.5614, 13.4440



12.9706, 14.5614, 66.8858

Rectangle

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



26.7938, 14.5614, 18.5380



22.4363, 14.5614, 2.8241



5.9251, 14.5614, 13.4440



7.7792, 14.5614, 47.0816

Sweetspot

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



26.7942, 14.5622, 18.5382



73.9959, 65.1580, 79.4809



18.1951, 9.3559, 53.0715



15.2886, 13.0561, 16.1854



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.



26.7942, 14.5622, 18.5382



45.5561, 23.1636, 24.1123



23.9074, 13.4075, 3.3364



10.2785, 10.1600, 11.5571



16.0873, 8.1247, 8.3717



0.7299, 0.3650, 0.5450

Inverse Universe

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



26.7942, 14.5622, 18.5382



45.5561, 23.1636, 24.1123



30.5793, 43.9168, 59.0897



10.2785, 10.1600, 11.5571



16.0873, 8.1247, 8.3717



0.7299, 0.3650, 0.5450

Previews

White Background



This preview shows how the XYZ color 26.7938, 14.5614, 18.5380 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 26.7938, 14.5614, 18.5380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

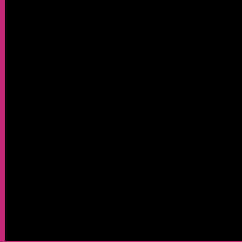
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.7938, 14.5614, 18.5380

Background



This preview shows how black text looks on a background with the XYZ color 26.7938, 14.5614, 18.5380.



This preview shows how white text looks on a background with the XYZ color 26.7938, 14.5614,

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

26.7938, 14.5614, 18.5380

Protanopia

15.6190, 14.9700, 35.3240

Deuteranopia

15.1009, 14.8083, 16.8142



Tritanopia

24.0936, 14.5695, 5.9572

Trichromacy



Original Color

26.7938, 14.5614, 18.5380

Protanomaly

17.0302, 12.6681, 28.3357

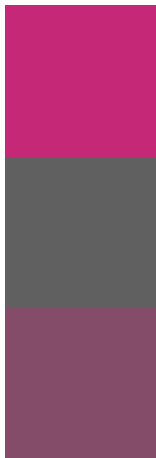
Deuteranomaly

17.7771, 13.1881, 17.2314

Tritanomaly

24.6991, 14.3143, 9.4438

Monochromacy



Original Color

26.7938, 14.5614, 18.5380

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

14.5989, 11.0739, 14.4647

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7938, 14.5614, 18.5380 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, 40, 118)` looks like.

```
.text, #text, p{  
    color:rgb(196, 40, 118)  
}
```

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, 40, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 40, 118) }
```

Border

The CSS property to change the border of an element to XYZ 26.7938, 14.5614, 18.5380 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, 40, 118) }
```


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

```
.border{ border-color:rgb(196, 40, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 40, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 40, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 40, 118);  
box-shadow:4px 4px 4px 4px rgb(196, 40,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7938, 14.5614, 18.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 40, 118) }
```

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

```
.background{ background-color: rgb(196, 40,  
118) }
```

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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