

Converting Colors

XYZ(26.2157, 14.8137, 16.5165)

Have a look what the booklet for
XYZ(26.2157, 14.8137, 16.5165)
contains.

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Color

**XYZ(26.2157, 14.8137,
16.5165)**

Conversions

Conversions Part 1

Format	Color
Hex	C2316F
RGB	194, 49, 111
RGB Percent	76%, 19%, 44%
CMY	0.2392, 0.8078, 0.5647
CMYK	0.00, 0.75, 0.43, 0.24
HSL	334°, 60%, 48%
HSV	334°, 75%, 76%
XYZ	26.2157, 14.8137, 16.5165
YIQ	99.4230, 66.5180, 50.0220

Conversions

Conversions Part 2

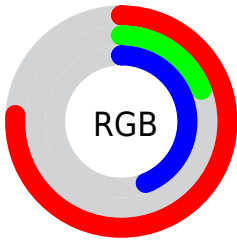
Format	Color
R_{YB}	194, 49, 111
Decimal	12726639
CIE _{Lab}	45.38, 60.91, -0.84
CIE _{LCh}	45, 60.916, 359.210
Yxy	14.8137, 0.4556, 0.2574
Android (android.graphics.Color)	4290916719 (0xFFC2316F)
YUV	99.4230, 5.7075, 82.9440
Hunter-Lab	38.4886, 54.2266, 1.4990

Details

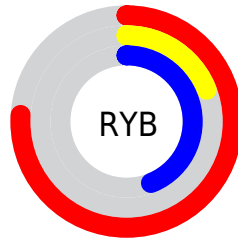
The XYZ color **26.2157, 14.8137, 16.5165** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **24.7244, 40.9030, 28.4254**, and the grayscale version is **11.9419, 12.5638, 13.6820**.

A 20% lighter version of the original color is **53.1241, 34.5938, 38.0597**, and **10.9171, 5.5211, 5.3408** is the 20% darker color. If you saturate the color by 10%, you get **24.9977, 13.2963, 13.2788**, and if you desaturate by 10%, it is **27.8595, 17.0612, 20.2715**.

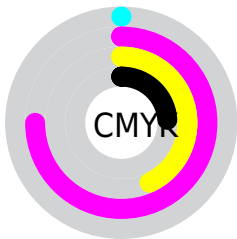
Distribution



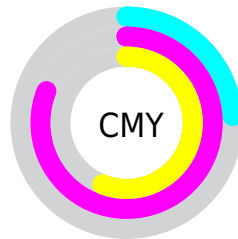
- Red (76%)
- Green (19%)
- Blue (44%)



- Red (76%)
- Yellow (19%)
- Blue (44%)



- Cyan (0%)
- Magenta (75%)
- Yellow (43%)
- Black (24%)





- Cyan (24%)
- Magenta (81%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2157, 14.8137, 16.5165 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 26.2157, 14.8137, 16.5165 by changing the saturation by 10% instead.


 26.2157, 14.8137,
16.5165


 26.2157, 14.8137,
16.5165


276.0767,
222.2358, 244.3194


 17.1186, 8.6887,
9.7321


 53.0515, 34.5260,
38.2718


 10.4149, 4.5387,
5.1184


 71.5210, 48.8822,
54.0797


 5.7393, 1.9792,
2.2569

 93.8453, 66.7508,
73.7325

 2.7263, 0.5954,
0.7070

 120.3898, 88.5164,
97.6488

 1.0108, 0.0000,
0.0000

 151.5198,
114.5633, 126.2471

 0.0000, 0.0000,
0.0000

 187.6007,

145.2759, 159.9460

228.9979,
181.0386, 199.1639

■ 26.2157, 14.8137,
16.5165

■ 26.2157, 14.8137,
16.5165

■ 24.9977, 13.2963,
13.2788

■ 27.8595, 17.0612,
20.2715

■ 24.1532, 12.4087,
10.5269

■ 29.9705, 20.1170,
24.5703

■ 23.8073, 12.0930,
9.2517

■ 32.5861, 24.0520,
29.4378

■ 35.7392, 28.9284,
34.8968

■ 39.4601, 34.8029,
40.9688

■ 43.7765, 41.7276,
47.6739

■ 48.7145, 49.7508,
55.0312

■ 54.2982, 58.9180,
63.0591

■ 60.5508, 69.2721,
71.7750

Harmonies

Analogous

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



24.1966, 14.8137, 35.0017



26.2157, 14.8137, 16.5165



24.3894, 14.8137, 5.9973

Triad

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



26.2157, 14.8137, 16.5165



9.8470, 14.8137, 1.9869



9.6652, 14.8137, 53.8405

Complementary

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



26.2157, 14.8137, 16.5165



24.7244, 40.9030, 28.4254

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.



7.1827, 14.8137, 33.8991



26.2157, 14.8137, 16.5165



7.2686, 14.8137, 5.6601

Square

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



26.2157, 14.8137, 16.5165



14.2144, 14.8137, 1.2332



6.4222, 14.8137, 15.7488



13.9464, 14.8137, 63.0873

Rectangle

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



26.2157, 14.8137, 16.5165



21.4374, 14.8137, 2.8966



6.4222, 14.8137, 15.7488



8.6341, 14.8137, 47.7443

Sweetspot

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



26.2161, 14.8145, 16.5167



73.2595, 65.8738, 77.0206



20.2229, 10.9315, 52.0830



15.5957, 13.7122, 16.1585



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.



26.2161, 14.8145, 16.5167



44.1978, 22.9001, 20.6286



24.3501, 14.7859, 4.4775



10.2479, 10.1478, 11.3961



15.6919, 7.9665, 6.2898



0.7125, 0.3580, 0.4532

Inverse Universe

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



26.2161, 14.8145, 16.5167



44.1978, 22.9001, 20.6286



28.2147, 38.9681, 57.0734



10.2479, 10.1478, 11.3961



15.6919, 7.9665, 6.2898



0.7125, 0.3580, 0.4532

Previews

White Background



This preview shows how the XYZ color 26.2157, 14.8137, 16.5165 looks on a white background.

Color Contrast Check

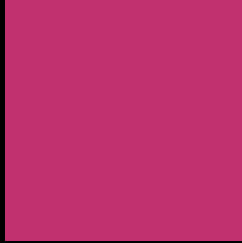
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2157, 14.8137, 16.5165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

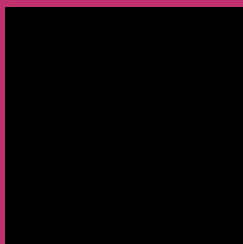
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.2157, 14.8137, 16.5165

Background



This preview shows how black text looks on a background with the XYZ color 26.2157, 14.8137, 16.5165.



This preview shows how white text looks on a background with the XYZ color 26.2157, 14.8137,

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

26.2157, 14.8137, 16.5165

Protanopia

15.3758, 15.1321, 29.3045

Deuteranopia

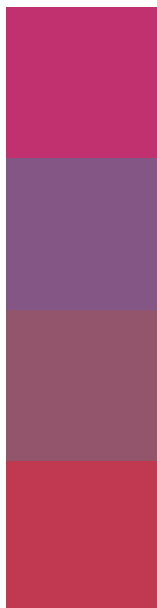
15.2960, 15.0957, 15.2043



Tritanopia

24.0800, 14.7840, 6.4349

Trichromacy



Original Color

26.2157, 14.8137, 16.5165

Protanomaly

17.0771, 13.2546, 23.8486

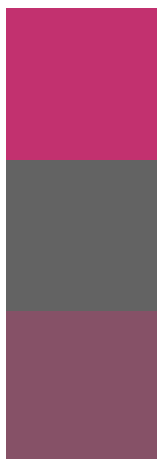
Deuteranomaly

17.9350, 13.7616, 15.6209

Tritanomaly

24.6866, 14.7268, 9.3260

Monochromacy



Original Color

26.2157, 14.8137, 16.5165

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

15.2221, 11.9325, 14.3329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2157, 14.8137, 16.5165 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(194, 49, 111)` looks like.

```
.text, #text, p{  
    color:rgb(194, 49, 111)  
}
```

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(194, 49, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 49, 111) }
```

Border

The CSS property to change the border of an element to XYZ 26.2157, 14.8137, 16.5165 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(194, 49, 111) }
```


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

```
.border{ border-color:rgb(194, 49, 111) }
```

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

Here you see how a box with a 4 pixel rgb(194, 49, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 49, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 49, 111);  
box-shadow:4px 4px 4px 4px rgb(194, 49,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2157, 14.8137, 16.5165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 49, 111) }
```

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

```
.background{ background-color: rgb(194, 49,  
111) }
```

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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