

# Converting Colors

XYZ(26.1854, 13.4381, 20.4239)

Have a look what the booklet for  
XYZ(26.1854, 13.4381, 20.4239)  
contains.

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# Color

**XYZ(26.1364, 13.4249,  
20.2825)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2147C
RGB	194, 20, 124
RGB Percent	76%, 8%, 49%
CMY	0.2392, 0.9215, 0.5137
CMYK	0.00, 0.90, 0.36, 0.24
HSL	324°, 81%, 42%
HSV	324°, 90%, 76%
XYZ	26.1364, 13.4249, 20.2825
YIQ	83.8820, 70.3200, 69.2320

# Conversions

## Conversions Part 2

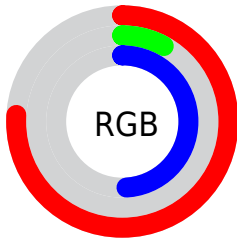
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 20, 124
Decimal	12719228
CIELab	43.40, 69.12, -11.81
CIELCh	43, 70.124, 350.301
Yxy	13.4249, 0.4367, 0.2243
Android (android.graphics.Color)	4290909308 (0xFFC2147C)
YUV	83.8820, 19.7782, 96.5735
Hunter-Lab	36.6400, 63.2093, -7.1727

# Details

The XYZ color **26.1364, 13.4249, 20.2825** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **21.4271, 39.4711, 16.1669**, and the grayscale version is **8.3552, 8.7903, 9.5727**.

A 20% lighter version of the original color is **53.0030, 32.0886, 44.9951**, and **11.2617, 5.6589, 7.1553** is the 20% darker color. If you saturate the color by 10%, you get **25.4186, 12.7483, 17.7034**, and if you desaturate by 10%, it is **27.1392, 14.6088, 23.1496**.

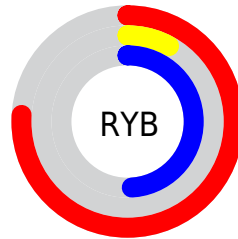
# Distribution



Red (76%)

Green (8%)

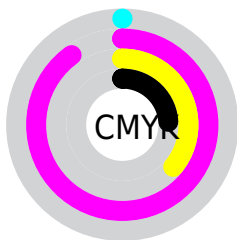
Blue (49%)



Red (76%)

Yellow (8%)

Blue (49%)

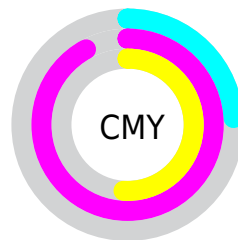


Cyan (0%)

Magenta (90%)

Yellow (36%)

Black (24%)



Cyan (24%)

Magenta (92%)


Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1364, 13.4249, 20.2825 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 26.1364, 13.4249, 20.2825 by changing the saturation by 10% instead.





 26.1364, 13.4249,  
20.2825


 26.1364, 13.4249,  
20.2825


275.6954,  
213.6231, 266.0950


 17.0589, 7.7218,  
12.4144


 52.9246, 32.0651,  
44.7555


 10.3721, 3.9174,  
6.9006


 71.3661, 45.7709,  
62.1975


 5.7105, 1.6275,  
3.3225

 93.6597, 62.9131,  
83.6679

 2.7088, 0.3760,  
1.2616

 120.1706, 83.8760,  
109.5853

 1.0017, 0.0000,  
0.0300

 151.2643,  
109.0441, 140.3682

 0.0000, 0.0000,  
0.0000

 187.3061,

138.8017, 176.4350

228.6614,  
173.5332, 218.2045

■ 26.1364, 13.4249,  
20.2825

■ 26.1364, 13.4249,  
20.2825

■ 25.4186, 12.7483,  
17.7034

■ 27.1392, 14.6088,  
23.1496

■ 25.3973, 12.7290,  
17.6245

■ 28.5080, 16.4609,  
26.3357

■ 30.2875, 19.0693,  
29.8600

■ 32.5156, 22.5081,  
33.7391

■ 35.2253, 26.8422,  
37.9880

■ 38.4466, 32.1305,  
42.6204

■ 42.2069, 38.4265,  
47.6492

■ 46.5315, 45.7797,  
53.0864

■ 51.4443, 54.2364,  
58.9436

# Harmonies

## Analogous

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



22.6466, 13.4249, 43.4106



26.1364, 13.4249, 20.2825



25.3360, 13.4249, 6.4784

# Triad

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



26.1364, 13.4249, 20.2825



9.4570, 13.4249, 0.6330



7.1661, 13.4249, 52.0311

# Complementary

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



26.1364, 13.4249, 20.2825



21.4271, 39.4711, 16.1669

# 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.



5.2362, 13.4249, 27.7066



26.1364, 13.4249, 20.2825



6.2735, 13.4249, 2.6031

# Square

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



26.1364, 13.4249, 20.2825



14.6092, 13.4249, 0.3985



4.9641, 13.4249, 10.1196



11.0738, 13.4249, 68.6890



# Rectangle

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



26.1364, 13.4249, 20.2825



22.5431, 13.4249, 2.5274



4.9641, 13.4249, 10.1196



6.3176, 13.4249, 43.9114

# Sweetspot

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



26.1368, 13.4257, 20.2827



71.1026, 60.6182, 79.2053



14.1670, 6.5504, 51.5567



15.0849, 12.4680, 16.6748



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.



26.1368, 13.4257, 20.2827



45.8840, 23.0100, 31.2490



22.8392, 12.1066, 2.9180



10.3202, 10.1767, 11.7766



16.7394, 8.3855, 11.8058



0.7566, 0.3757, 0.6857



# Inverse Universe

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



26.1368, 13.4257, 20.2827



45.8840, 23.0100, 31.2490



27.4769, 41.8910, 48.0250



10.3202, 10.1767, 11.7766



16.7394, 8.3855, 11.8058



0.7566, 0.3757, 0.6857



# Previews

## White Background



This preview shows how the XYZ color 26.1364, 13.4249, 20.2825 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 26.1364, 13.4249, 20.2825 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 26.1364, 13.4249, 20.2825**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.1364, 13.4249, 20.2825.



This preview shows how white text looks on a background with the XYZ color 26.1364, 13.4249,



# 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

26.1364, 13.4249, 20.2825

### Protanopia

15.2369, 14.0144, 42.4594

### Deuteranopia

14.1127, 13.8195, 18.4466



## Tritanopia

23.1291, 13.6695, 4.9095

# Trichromacy



## Original Color

26.1364, 13.4249, 20.2825

## Protanomaly

15.6542, 10.8169, 32.7153

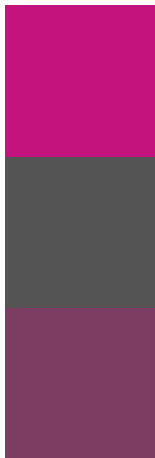
## Deuteranomaly

16.4624, 11.5421, 18.8129

## Tritanomaly

23.6559, 13.1585, 8.6902

# Monochromacy



## Original Color

26.1364, 13.4249, 20.2825

## Achromatopsia

8.4267, 8.8656, 9.6546

## Achromatomaly

12.2331, 8.5234, 12.8048

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.1364, 13.4249, 20.2825 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, 20, 124)` looks like.

```
.text, #text, p{  
    color:rgb(194, 20, 124)  
}
```

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, 20, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 20, 124) }
```

## Border

The CSS property to change the border of an element to XYZ 26.1364, 13.4249, 20.2825 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, 20, 124) }
```



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

```
.border{ border-color:rgb(194, 20, 124) }
```

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

Here you see how a box with a 4 pixel rgb(194, 20, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 20, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 20, 124);  
box-shadow:4px 4px 4px 4px rgb(194, 20,  
124) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.1364, 13.4249, 20.2825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 20, 124) }
```

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

```
.background{ background-color: rgb(194, 20,  
124) }
```

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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