

# Converting Colors

XYZ(26.4182, 13.1389, 22.9329)

Have a look what the booklet for  
XYZ(26.4182, 13.1389, 22.9329)  
contains.

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# Color

**XYZ(26.4130, 13.1353,  
22.9730)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C20084
RGB	194, 0, 132
RGB Percent	76%, 0%, 52%
CMY	0.2392, 0.9999, 0.4824
CMYK	0.00, 1.00, 0.32, 0.24
HSL	319°, 100%, 38%
HSV	319°, 100%, 76%
XYZ	26.4130, 13.1353, 22.9730
YIQ	73.0540, 73.2520, 82.1800

# Conversions

## Conversions Part 2

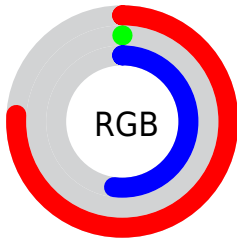
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 0, 132
Decimal	12714116
CIELab	42.97, 72.12, -17.40
CIELCh	43, 74.188, 346.437
Yxy	13.1353, 0.4225, 0.2101
Android (android.graphics.Color)	4290904196 (0xFFC20084)
YUV	73.0540, 29.0604, 106.0696
Hunter-Lab	36.2427, 66.6630, -12.2121

# Details

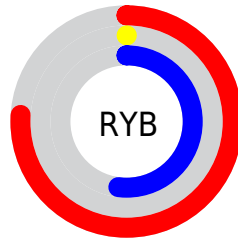
The XYZ color **26.4130, 13.1353, 22.9730** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **20.1627, 38.9320, 11.0142**, and the grayscale version is **6.2875, 6.6149, 7.2036**.

A 20% lighter version of the original color is **53.4052, 31.5792, 49.1796**, and **11.5147, 5.7601, 8.4876** is the 20% darker color. If you saturate the color by 10%, you get **26.4123, 13.1350, 22.9692**, and if you desaturate by 10%, it is **27.0905, 13.7907, 25.3553**.

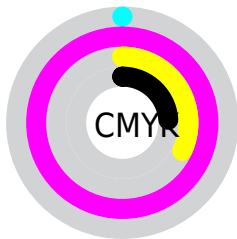
# Distribution



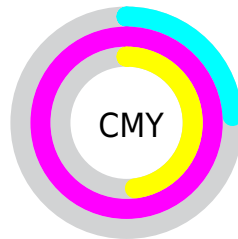
- Red (76%)
- Green (0%)
- Blue (52%)



- Red (76%)
- Yellow (0%)
- Blue (52%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (24%)




- Cyan (24%)
- Magenta (100%)
- Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4130, 13.1353, 22.9730 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 26.4130, 13.1353, 22.9730 by changing the saturation by 10% instead.





 26.4130, 13.1353,  
22.9730


 26.4130, 13.1353,  
22.9730


277.0233,  
211.7830, 280.7037


 17.2672, 7.5218,  
14.3685


 53.3670, 31.5466,  
49.2716


 10.5216, 3.7905,  
8.2357


 71.9059, 45.1133,  
67.8028


 5.8111, 1.5571,  
4.1562

 94.3066, 62.0997,  
90.4799

 2.7701, 0.3284,  
1.7114

 120.9343, 82.8903,  
117.7215

 1.0334, 0.0000,  
0.3685

 152.1545,  
107.8696, 149.9462

 0.0000, 0.0000,  
0.0000

 188.3325,

137.4219, 187.5724

229.8336,  
171.9315, 231.0187

■ 26.4130, 13.1353,  
22.9730

■ 26.4130, 13.1353,  
22.9730

■ 26.4123, 13.1350,  
22.9692

■ 27.0905, 13.7907,  
25.3553

■ 28.0331, 14.9354,  
27.9524

■ 29.3268, 16.7406,  
30.7951

■ 31.0157, 19.2939,  
33.9002

■ 33.1373, 22.6695,  
37.2820

■ 35.7245, 26.9327,  
40.9535

■ 38.8069, 32.1421,  
44.9264

■ 42.4116, 38.3512,  
49.2114

■ 46.5636, 45.6096,  
53.8189

# Harmonies

## Analogous

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



22.2001, 13.1353, 48.5491



26.4130, 13.1353, 22.9730



26.1798, 13.1353, 7.1462

# Triad

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



26.4130, 13.1353, 22.9730



9.6398, 13.1353, 0.2044



6.3645, 13.1353, 51.1003

# Complementary

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



26.4130, 13.1353, 22.9730



20.1627, 38.9320, 11.0142

# 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.



4.6607, 13.1353, 25.1166



26.4130, 13.1353, 22.9730



6.1203, 13.1353, 1.7569

# Square

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



26.4130, 13.1353, 22.9730



15.2281, 13.1353, 0.1371



4.5875, 13.1353, 8.1443



10.0924, 13.1353, 71.4345



# Rectangle

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



26.4130, 13.1353, 22.9730



23.5070, 13.1353, 2.6014



4.5875, 13.1353, 8.1443



5.5931, 13.1353, 42.1220

# Sweetspot

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



26.4134, 13.1360, 22.9732



70.0112, 57.7263, 81.0272



11.6907, 4.9024, 51.3691



14.7853, 11.7133, 17.0538



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.



26.4134, 13.1360, 22.9732



47.7310, 23.7488, 40.9753



22.5608, 11.5950, 2.6857



10.3559, 10.1910, 11.9645



17.4040, 8.6513, 15.3052



0.7822, 0.3859, 0.8206



# Inverse Universe

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



26.4134, 13.1360, 22.9732



47.7310, 23.7488, 40.9753



25.5017, 41.0676, 39.1293



10.3559, 10.1910, 11.9645



17.4040, 8.6513, 15.3052



0.7822, 0.3859, 0.8206



# Previews

## White Background



This preview shows how the XYZ color 26.4130, 13.1353, 22.9730 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 26.4130, 13.1353, 22.9730 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 26.4130, 13.1353, 22.9730**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.4130, 13.1353, 22.9730.



This preview shows how white text looks on a background with the XYZ color 26.4130, 13.1353,



# 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

26.4130, 13.1353, 22.9730

### Protanopia

15.6552, 13.9303, 49.4406

### Deuteranopia

13.9378, 13.6805, 20.6449



## Tritanopia

22.8801, 13.5411, 4.8978

# Trichromacy



## Original Color

26.4130, 13.1353, 22.9730



## Protanomaly

15.2080, 9.7452, 38.1252



## Deuteranomaly

15.9158, 10.4915, 20.9249



## Tritanomaly

23.5527, 12.7733, 9.2068

# Monochromacy



## Original Color

26.4130, 13.1353, 22.9730



## Achromatopsia

6.3328, 6.6626, 7.2556



## Achromatomaly

10.3335, 6.5441, 11.3082

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.4130, 13.1353, 22.9730 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, 0, 132)` looks like.

```
.text, #text, p{  
    color:rgb(194, 0, 132)  
}
```

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, 0, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 0, 132) }
```

## Border

The CSS property to change the border of an element to XYZ 26.4130, 13.1353, 22.9730 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, 0, 132) }
```



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

```
.border{ border-color:rgb(194, 0, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 0, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 0, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 0, 132);  
box-shadow:4px 4px 4px 4px rgb(194, 0,  
132) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.4130, 13.1353, 22.9730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 0, 132) }
```

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

```
.background{ background-color: rgb(194, 0,  
132) }
```

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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