

Converting Colors

XYZ(26.1219, 13.4830, 22.4877)

Have a look what the booklet for
XYZ(26.1219, 13.4830, 22.4877)
contains.

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Color

**XYZ(26.0941, 13.4714,
22.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	C01882
RGB	192, 24, 130
RGB Percent	75%, 9%, 51%
CMY	0.2471, 0.9058, 0.4902
CMYK	0.00, 0.87, 0.32, 0.25
HSL	322°, 78%, 42%
HSV	322°, 87%, 75%
XYZ	26.0941, 13.4714, 22.3440
YIQ	86.3160, 66.1020, 68.5820

Conversions

Conversions Part 2

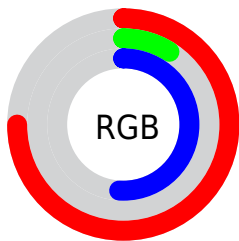
Format	Color
R_{YB}	192, 24, 130
Decimal	12589186
CIE _{Lab}	43.47, 68.65, -15.44
CIE _{LCh}	43, 70.366, 347.323
Yxy	13.4714, 0.4215, 0.2176
Android (android.graphics.Color)	4290779266 (0xFFC01882)
YUV	86.3160, 21.5362, 92.6849
Hunter-Lab	36.7034, 62.6727, -10.4017

Details

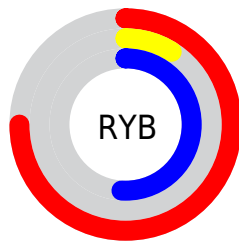
The XYZ color **26.0941, 13.4714, 22.3440** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **20.9071, 38.5659, 15.1496**, and the grayscale version is **8.8601, 9.3215, 10.1511**.

A 20% lighter version of the original color is **53.0580, 32.3070, 48.2391**, and **11.1581, 5.5806, 8.2737** is the 20% darker color. If you saturate the color by 10%, you get **25.3603, 12.7389, 19.8329**, and if you desaturate by 10%, it is **27.1316, 14.7586, 25.1182**.

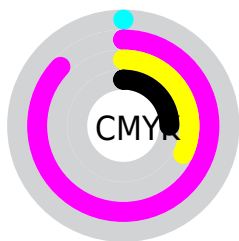
Distribution



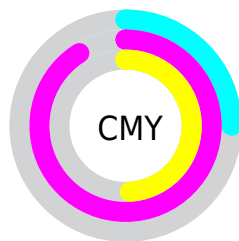
- Red (75%)
- Green (9%)
- Blue (51%)



- Red (75%)
- Yellow (9%)
- Blue (51%)



- Cyan (0%)
- Magenta (87%)
- Yellow (32%)
- Black (25%)





- Cyan (25%)
- Magenta (91%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0941, 13.4714, 22.3440 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 26.0941, 13.4714, 22.3440 by changing the saturation by 10% instead.

 26.0941, 13.4714,
22.3440


 26.0941, 13.4714,
22.3440

275.4919,
213.9171, 277.3494


 17.0271, 7.7539,
13.9092


 52.8569, 32.1481,
48.2234


 10.3492, 3.9379,
7.9195


 71.2835, 45.8762,
66.5050


 5.6952, 1.6389,
3.9564

 93.5606, 63.0432,
88.9059

 2.6995, 0.3836,
1.6015

 120.0536, 84.0336,
115.8447

 0.9969, 0.0000,
0.2919

 151.1279,
109.2319, 147.7399

 0.0000, 0.0000,
0.0000

 187.1488,

139.0222, 185.0100

228.4817,
173.7892, 228.0737

■ 26.0941, 13.4714,
22.3440

■ 26.0941, 13.4714,
22.3440

■ 25.3603, 12.7389,
19.8329

■ 27.1316, 14.7586,
25.1182

■ 25.1978, 12.5903,
19.2351

■ 28.5309, 16.7161,
28.1777

■ 30.3337, 19.4262,
31.5396

■ 32.5755, 22.9588,
35.2186

■ 35.2877, 27.3758,
39.2281

■ 38.4986, 32.7330,
43.5804

■ 42.2343, 39.0818,
48.2869

■ 46.5191, 46.4695,
53.3584

■ 51.3755, 54.9408,
58.8050

Harmonies

Analogous

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



22.2271, 13.4714, 46.1416



26.0941, 13.4714, 22.3440



25.7400, 13.4714, 7.3879

Triad

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



26.0941, 13.4714, 22.3440



9.9138, 13.4714, 0.5429



6.9036, 13.4714, 49.9595

Complementary

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



26.0941, 13.4714, 22.3440



20.9071, 38.5659, 15.1496

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.



5.1450, 13.4714, 25.6239



26.0941, 13.4714, 22.3440



6.5108, 13.4714, 2.2432

Square

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



26.0941, 13.4714, 22.3440



15.2606, 13.4714, 0.4397



5.0254, 13.4714, 8.9885



10.6266, 13.4714, 68.2662

Rectangle

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



26.0941, 13.4714, 22.3440



23.1541, 13.4714, 2.9196



5.0254, 13.4714, 8.9885



6.1157, 13.4714, 41.6562

Sweetspot

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



26.0945, 13.4721, 22.3442



70.4384, 60.4590, 79.8507



13.6434, 6.4197, 50.3893



14.6454, 12.1863, 16.5195



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.0945, 13.4721, 22.3442



45.5314, 22.7627, 34.1912



22.5666, 12.0610, 3.7664



10.3345, 10.1824, 11.8519



16.9940, 8.4873, 13.1463



0.7666, 0.3796, 0.7382

Inverse Universe

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



26.0945, 13.4721, 22.3442



45.5314, 22.7627, 34.1912



26.4449, 40.7810, 44.3110



10.3345, 10.1824, 11.8519



16.9940, 8.4873, 13.1463



0.7666, 0.3796, 0.7382

Previews

White Background



This preview shows how the XYZ color 26.0941, 13.4714, 22.3440 looks on a white background.

Color Contrast Check

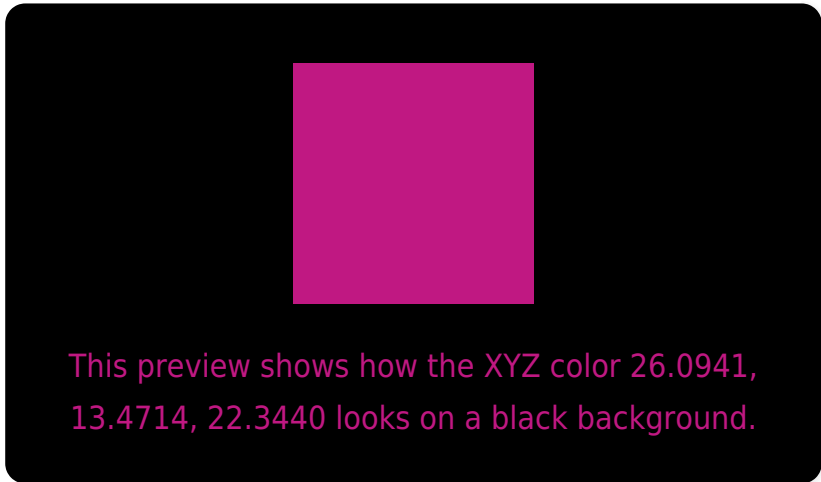
Large Text (above 18pt) WCAG AA ✓ Pass

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

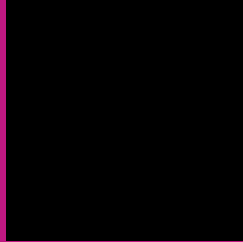
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.0941, 13.4714, 22.3440

Background



This preview shows how black text looks on a background with the XYZ color 26.0941, 13.4714, 22.3440.



This preview shows how white text looks on a background with the XYZ color 26.0941, 13.4714,

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

26.0941, 13.4714, 22.3440

Protanopia

15.4811, 13.9137, 46.1256

Deuteranopia

14.1104, 13.7767, 20.3278



Tritanopia

22.5982, 13.5926, 5.3035

Trichromacy



Original Color

26.0941, 13.4714, 22.3440



Protanomaly

15.8035, 10.9201, 35.9252



Deuteranomaly

16.4007, 11.5641, 20.7697



Tritanomaly

23.4872, 13.2603, 9.7091

Monochromacy



Original Color

26.0941, 13.4714, 22.3440



Achromatopsia

8.8453, 9.3059, 10.1341



Achromatomaly

12.6332, 8.8743, 13.6174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0941, 13.4714, 22.3440 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(192, 24, 130)` looks like.

```
.text, #text, p{  
    color:rgb(192, 24, 130)  
}
```

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(192, 24, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 24, 130) }
```

Border

The CSS property to change the border of an element to XYZ 26.0941, 13.4714, 22.3440 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(192, 24, 130) }
```


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

```
.border{ border-color:rgb(192, 24, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 24, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 24, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 24, 130);  
box-shadow:4px 4px 4px 4px rgb(192, 24,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0941, 13.4714, 22.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 24, 130) }
```

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

```
.background{ background-color: rgb(192, 24,  
130) }
```

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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