

Converting Colors

XYZ(26.1317, 15.6381, 12.1724)

Have a look what the booklet for
XYZ(26.1317, 15.6381, 12.1724)
contains.

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Color

**XYZ(26.1419, 15.6420,
12.2310)**

Conversions

Conversions Part 1

Format	Color
Hex	C33C5E
RGB	195, 60, 94
RGB Percent	76%, 24%, 37%
CMY	0.2353, 0.7647, 0.6314
CMYK	0.00, 0.69, 0.52, 0.24
HSL	345°, 53%, 50%
HSV	345°, 69%, 76%
XYZ	26.1419, 15.6420, 12.2310
YIQ	104.2410, 69.5460, 39.1940

Conversions

Conversions Part 2

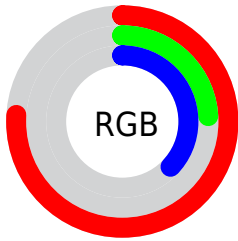
Format	Color
RYB	195, 60, 94
Decimal	12794974
CIELab	46.50, 55.76, 11.26
CIELCh	47, 56.888, 11.416
Yxy	15.6420, 0.4840, 0.2896
Android (android.graphics.Color)	4290985054 (0xFFC33C5E)
YUV	104.2410, -5.0488, 79.5956
Hunter-Lab	39.5500, 48.7732, 9.3493

Details

The XYZ color **26.1419, 15.6420, 12.2310** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **27.8128, 42.5645, 40.4720**, and the grayscale version is **13.2237, 13.9123, 15.1505**.

A 20% lighter version of the original color is **52.5194, 35.7644, 30.5207**, and **10.6868, 5.4476, 3.2845** is the 20% darker color. If you saturate the color by 10%, you get **24.7079, 13.7247, 8.8226**, and if you desaturate by 10%, it is **28.0767, 18.3631, 16.4172**.

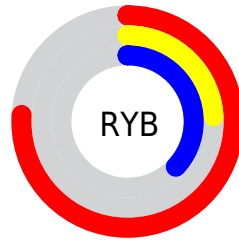
Distribution



Red (76%)

Green (24%)

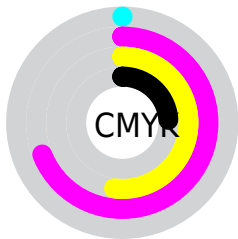
Blue (37%)



Red (76%)

Yellow (24%)

Blue (37%)

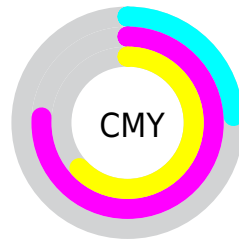


Cyan (0%)

Magenta (69%)

Yellow (52%)

Black (24%)



Cyan (24%)


Magenta (76%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1419, 15.6420, 12.2310 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 26.1419, 15.6420, 12.2310 by changing the saturation by 10% instead.


 26.1419, 15.6420,
12.2310


 26.1419, 15.6420,
12.2310


275.7219,
227.2199, 216.9605


 17.0631, 9.2712,
6.7768


 52.9334, 35.9756,
30.5858


 10.3750, 4.9185,
3.2466


 71.3769, 50.7071,
44.3234


 5.7125, 2.1995,
1.2219

 93.6725, 68.9944,
61.6593

 2.7100, 0.7197,
0.0000

 120.1858, 91.2217,
83.0119

 1.0024, 0.0000,
0.0000

 151.2820,
117.7735, 108.7997

 0.0000, 0.0000,
0.0000

187.3265,

149.0342, 139.4415

228.6847,
185.3882, 175.3555

■ 26.1419, 15.6420,
12.2310

■ 26.1419, 15.6420,
12.2310

■ 24.7079, 13.7247,
8.8226

■ 28.0767, 18.3631,
16.4172

■ 23.7228, 12.5183,
6.1398

■ 30.5547, 21.9620,
21.4267

■ 23.1027, 11.8671,
4.1167

■ 33.6149, 26.5074,
27.3022

■ 23.0621, 11.8247,
3.9839

■ 37.2923, 32.0604,
34.0831

■ 41.6192, 38.6767,
41.8064

■ 46.6254, 46.4082,
50.5069

■ 52.3390, 55.3033,
60.2175

■ 58.7863, 65.4073,
70.9697

■ 65.9925, 76.7636,
82.7936

Harmonies

Analogous

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



25.7005, 15.6420, 27.1549



26.1419, 15.6420, 12.2310



23.1077, 15.6420, 4.6940

Triad

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



26.1419, 15.6420, 12.2310



9.4666, 15.6420, 3.7549



12.0632, 15.6420, 57.5253

Complementary

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



26.1419, 15.6420, 12.2310



27.8128, 42.5645, 40.4720

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.



8.8637, 15.6420, 41.8316



26.1419, 15.6420, 12.2310



7.6077, 15.6420, 9.8005

Square

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



26.1419, 15.6420, 12.2310



13.0799, 15.6420, 1.9136



7.4144, 15.6420, 22.9477



16.8105, 15.6420, 59.5125

Rectangle

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



26.1419, 15.6420, 12.2310



19.8439, 15.6420, 2.6291



7.4144, 15.6420, 22.9477



10.8011, 15.6420, 53.3937

Sweetspot

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



26.1423, 15.6429, 12.2313



72.8148, 66.6203, 71.8289



25.7651, 14.5439, 53.0788



15.4568, 13.8404, 14.8608



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.



26.1423, 15.6429, 12.2313



43.2654, 23.3399, 13.2134



27.1060, 19.4975, 6.6110



10.1749, 10.1186, 11.0117



15.0182, 7.6971, 2.7422



0.6777, 0.3441, 0.2704

Inverse Universe

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



26.1423, 15.6429, 12.2313



43.2654, 23.3399, 13.2134



24.9008, 31.2740, 56.3536



10.1749, 10.1186, 11.0117



15.0182, 7.6971, 2.7422



0.6777, 0.3441, 0.2704

Previews

White Background



This preview shows how the XYZ color 26.1419, 15.6420, 12.2310 looks on a white background.

Color Contrast Check

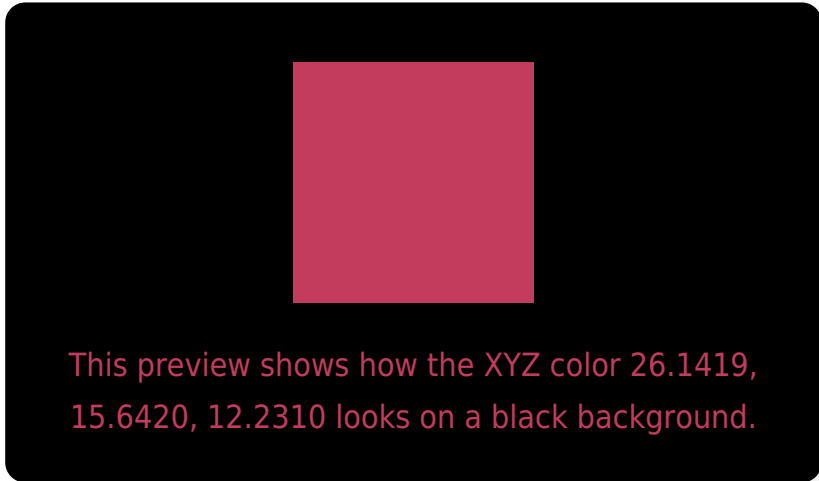
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1419, 15.6420, 12.2310

Background



This preview shows how black text looks on a background with the XYZ color 26.1419, 15.6420, 12.2310.



This preview shows how white text looks on a background with the XYZ color 26.1419, 15.6420,

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

26.1419, 15.6420, 12.2310

Protanopia

15.3965, 15.8229, 20.0119

Deuteranopia

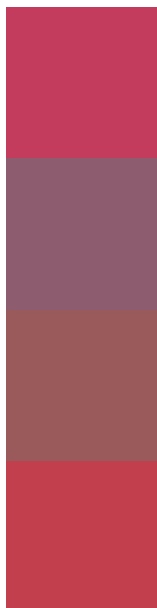
16.0803, 15.7420, 11.2078



Tritanopia

25.2126, 15.6796, 7.3278

Trichromacy



Original Color

26.1419, 15.6420, 12.2310

Protanomaly

17.6809, 14.4647, 16.8990

Deuteranomaly

18.7443, 14.7530, 11.5325

Tritanomaly

25.4008, 15.5744, 8.8751

Monochromacy



Original Color

26.1419, 15.6420, 12.2310

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

16.1065, 13.2179, 13.7590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1419, 15.6420, 12.2310 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(195, 60, 94)` looks like.

```
.text, #text, p{  
    color:rgb(195, 60, 94)  
}
```

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(195, 60, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 60, 94) }
```

Border

The CSS property to change the border of an element to XYZ 26.1419, 15.6420, 12.2310 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(195, 60, 94) }
```


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

```
.border{ border-color:rgb(195, 60, 94) }
```

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

Here you see how a box with a 4 pixel rgb(195, 60, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 60, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 60, 94);  
box-shadow:4px 4px 4px 4px rgb(195, 60,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1419, 15.6420, 12.2310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 60, 94) }
```

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

```
.background{ background-color: rgb(195, 60,  
94) }
```

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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