

Converting Colors

XYZ(26.1767, 14.6503, 26.6590)

Have a look what the booklet for
XYZ(26.1767, 14.6503, 26.6590)
contains.

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Color

**XYZ(26.1980, 14.6434,
26.6450)**

Conversions

Conversions Part 1

Format	Color
Hex	BA328D
RGB	186, 50, 141
RGB Percent	73%, 20%, 55%
CMY	0.2706, 0.8039, 0.4471
CMYK	0.00, 0.73, 0.24, 0.27
HSL	320°, 58%, 46%
HSV	320°, 73%, 73%
XYZ	26.1980, 14.6434, 26.6450
YIQ	101.0380, 51.8450, 57.1330

Conversions

Conversions Part 2

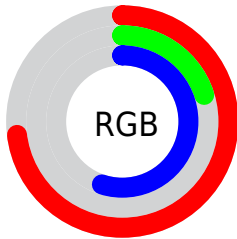
Format	Color
RYB	186, 50, 141
Decimal	12202637
CIELab	45.14, 61.85, -19.68
CIElCh	45, 64.910, 342.350
Yxy	14.6434, 0.3882, 0.2170
Android (android.graphics.Color)	4290392717 (0xFFBA328D)
YUV	101.0380, 19.7013, 74.5117
Hunter-Lab	38.2667, 55.2373, -14.4968

Details

The XYZ color **26.1980, 14.6434, 26.6450** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **20.9407, 36.6226, 16.7936**, and the grayscale version is **12.3218, 12.9635, 14.1173**.

A 20% lighter version of the original color is **52.8691, 34.0777, 55.4209**, and **10.9416, 5.4225, 10.3675** is the 20% darker color. If you saturate the color by 10%, you get **25.1128, 13.1855, 24.0862**, and if you desaturate by 10%, it is **27.6325, 16.7588, 29.4460**.

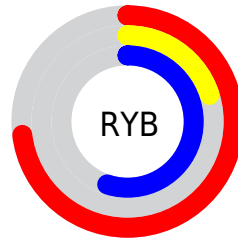
Distribution



Red (73%)

Green (20%)

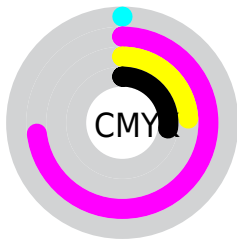
Blue (55%)



Red (73%)

Yellow (20%)

Blue (55%)

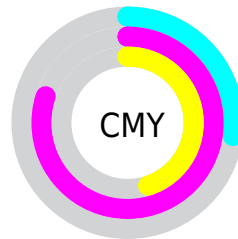


Cyan (0%)

Magenta (73%)

Yellow (24%)

Black (27%)



Cyan (27%)


Magenta (80%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1980, 14.6434, 26.6450 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 26.1980, 14.6434, 26.6450 by changing the saturation by 10% instead.

 26.1980, 14.6434,
26.6450


 26.1980, 14.6434,
26.6450


275.9916,
221.1975, 299.6397


 17.1053, 8.5695,
17.0767


 53.0232, 34.2264,
55.3105

 10.4054, 4.4615,
10.1267


 71.4864, 48.5042,
75.2447


 5.7329, 1.9349,
5.3763

 93.8039, 66.2855,
99.4714

 2.7224, 0.5692,
2.4071

 120.3409, 87.9547,
128.4090

 1.0087, 0.0000,
0.7903

 151.4628,
113.8961, 162.4761

 0.0000, 0.0000,
0.0000

 187.5350,

144.4941, 202.0912

228.9228,
180.1331, 247.6729

■ 26.1980, 14.6434,
26.6450

■ 26.1980, 14.6434,
26.6450

■ 25.1128, 13.1855,
24.0862

■ 27.6325, 16.7588,
29.4460

■ 24.3332, 12.2989,
21.7527

■ 29.4503, 19.5995,
32.5023

■ 23.9165, 11.9058,
20.2567

■ 31.6825, 23.2271,
35.8262

■ 34.3568, 27.6963,
39.4288

■ 37.4982, 33.0565,
43.3203

■ 41.1300, 39.3536,
47.5103

■ 45.2737, 46.6301,
52.0078

■ 49.9495, 54.9261,
56.8212

■ 55.1767, 64.2792,
61.9586

Harmonies

Analogous

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



22.0591, 14.6434, 49.1183



26.1980, 14.6434, 26.6450



26.5750, 14.6434, 10.4379

Triad

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



26.1980, 14.6434, 26.6450



11.8323, 14.6434, 1.0090



7.6173, 14.6434, 45.1532

Complementary

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



26.1980, 14.6434, 26.6450



20.9407, 36.6226, 16.7936

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.



6.0953, 14.6434, 23.1097



26.1980, 14.6434, 26.6450



8.0761, 14.6434, 2.5802

Square

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



26.1980, 14.6434, 26.6450



17.2748, 14.6434, 1.1252



6.2384, 14.6434, 8.5776



11.0271, 14.6434, 63.6992

Rectangle

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



26.1980, 14.6434, 26.6450



24.5390, 14.6434, 4.8066



6.2384, 14.6434, 8.5776



6.9126, 14.6434, 37.4668

Sweetspot

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



26.1985, 14.6442, 26.6453



68.4298, 60.7126, 79.0709



14.5255, 8.1580, 47.2636



14.7051, 12.7437, 16.9759



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.1985, 14.6442, 26.6453



44.5633, 22.7711, 40.9296



22.6587, 13.2282, 8.0050



9.2511, 9.1108, 10.6699



16.1261, 8.0242, 13.8165



0.5958, 0.2938, 0.6311

Inverse Universe

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



26.1985, 14.6442, 26.6453



44.5633, 22.7711, 40.9296



25.3138, 38.3718, 39.8222



9.2511, 9.1108, 10.6699



16.1261, 8.0242, 13.8165



0.5958, 0.2938, 0.6311

Previews

White Background



This preview shows how the XYZ color 26.1980, 14.6434, 26.6450 looks on a white background.

Color Contrast Check

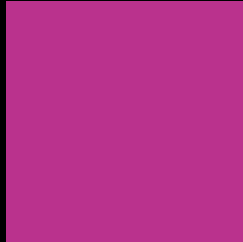
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1980, 14.6434, 26.6450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

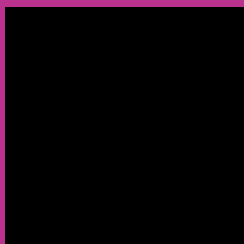
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.1980, 14.6434, 26.6450

Background



This preview shows how black text looks on a background with the XYZ color 26.1980, 14.6434, 26.6450.



This preview shows how white text looks on a background with the XYZ color 26.1980, 14.6434,

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

26.1980, 14.6434, 26.6450

Protanopia

16.4229, 14.9779, 46.8252

Deuteranopia

15.1109, 14.7999, 24.2505



Tritanopia

22.2825, 14.5916, 8.2987

Trichromacy



Original Color

26.1980, 14.6434, 26.6450

Protanomaly

17.3866, 12.9690, 38.6327

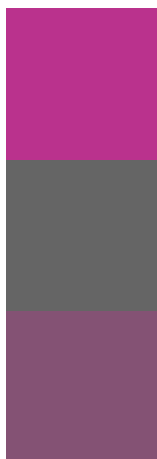
Deuteranomaly

17.5239, 13.3429, 24.9444

Tritanomaly

23.3210, 14.4009, 13.3549

Monochromacy



Original Color

26.1980, 14.6434, 26.6450

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

15.6854, 12.2011, 18.0513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1980, 14.6434, 26.6450 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(186, 50, 141)` looks like.

```
.text, #text, p{  
    color:rgb(186, 50, 141)  
}
```

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(186, 50, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 50, 141) }
```

Border

The CSS property to change the border of an element to XYZ 26.1980, 14.6434, 26.6450 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(186, 50, 141) }
```


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

```
.border{ border-color:rgb(186, 50, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 50, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 50, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 50, 141);  
box-shadow:4px 4px 4px 4px rgb(186, 50,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1980, 14.6434, 26.6450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 50, 141) }
```

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

```
.background{ background-color: rgb(186, 50,  
141) }
```

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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