

Converting Colors

XYZ(26.8885, 14.4450, 34.0891)

Have a look what the booklet for
XYZ(26.8885, 14.4450, 34.0891)
contains.

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Color

**XYZ(26.8890, 14.4213,
34.1673)**

Conversions

Conversions Part 1

Format	Color
Hex	B82B9F
RGB	184, 43, 159
RGB Percent	72%, 17%, 62%
CMY	0.2784, 0.8313, 0.3765
CMYK	0.00, 0.77, 0.14, 0.28
HSL	311°, 62%, 45%
HSV	311°, 77%, 72%
XYZ	26.8890, 14.4213, 34.1673
YIQ	98.3830, 46.8000, 65.9680

Conversions

Conversions Part 2

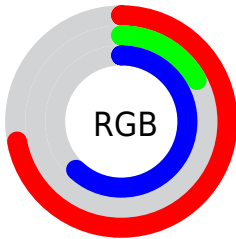
Format	Color
R_{YB}	184, 43, 159
Decimal	12069791
CIE _{Lab}	44.83, 66.03, -31.03
CIE _{LCh}	45, 72.956, 334.831
Yxy	14.4213, 0.3563, 0.1911
Android (android.graphics.Color)	4290259871 (0xFFB82B9F)
YUV	98.3830, 29.8842, 75.0861
Hunter-Lab	37.9754, 59.9325, -26.7618

Details

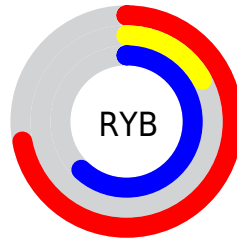
The XYZ color **26.8890, 14.4213, 34.1673** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **19.1809, 35.2124, 11.2560**, and the grayscale version is **11.6256, 12.2310, 13.3196**.

A 20% lighter version of the original color is **54.0501, 33.8104, 67.2956**, and **11.4062, 5.5736, 14.3845** is the 20% darker color. If you saturate the color by 10%, you get **26.0852, 13.2605, 32.5209**, and if you desaturate by 10%, it is **28.0029, 16.1897, 35.9541**.

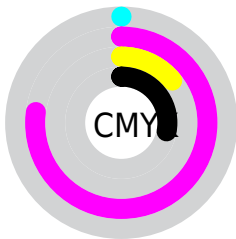
Distribution



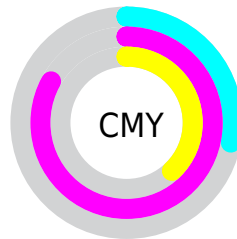
- Red (72%)
- Green (17%)
- Blue (62%)



- Red (72%)
- Yellow (17%)
- Blue (62%)



- Cyan (0%)
- Magenta (77%)
- Yellow (14%)
- Black (28%)



- Cyan (28%)
- Magenta (83%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8890, 14.4213, 34.1673 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 26.8890, 14.4213, 34.1673 by changing the saturation by 10% instead.

■ 26.8890, 14.4213,
34.1673

■ 26.8890, 14.4213,
34.1673

279.2966,
219.8362, 335.6693

■ 17.6260, 8.4143,
22.7438

■ 54.1268, 33.8347,
67.3306

■ 10.7799, 4.3612,
14.2009

■ 72.8324, 48.0099,
89.9075

■ 5.9852, 1.8776,
8.1202

■ 95.4163, 65.6766,
117.0392

■ 2.8767, 0.5348,
4.0831

■ 122.2437, 87.2191,
149.1443

■ 1.0889, 0.0000,
1.6710

■ 153.6801,
113.0220, 186.6413

■ 0.0158, 0.0000,
0.3408

■ 190.0908,

■ 0.0000, 0.0000,

143.4695, 229.9488

0.0000

231.8412,
178.9461, 279.4852

■ 26.8890, 14.4213,
34.1673

■ 26.8890, 14.4213,
34.1673

■ 26.0852, 13.2605,
32.5209

■ 28.0029, 16.1897,
35.9541

■ 25.5412, 12.6078,
30.9976

■ 29.4614, 18.6356,
37.8929

■ 25.3836, 12.4369,
30.5005

■ 31.2961, 21.8216,
39.9945

■ 33.5344, 25.8026,
42.2683

■ 36.2012, 30.6284,
44.7229

■ 39.3194, 36.3446,
47.3662

■ 42.9103, 42.9936,
50.2056

■ 46.9937, 50.6151,
53.2479

■ 51.5884, 59.2464,
56.4996

Harmonies

Analogous

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



21.3356, 14.4213, 60.8803



26.8890, 14.4213, 34.1673



28.5611, 14.4213, 13.1011

Triad

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



26.8890, 14.4213, 34.1673



12.7658, 14.4213, 0.3215



6.2970, 14.4213, 42.8387

Complementary

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



26.8890, 14.4213, 34.1673



19.1809, 35.2124, 11.2560

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.



5.1749, 14.4213, 18.6269



26.8890, 14.4213, 34.1673



8.1555, 14.4213, 1.2399

Square

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



26.8890, 14.4213, 34.1673



19.1715, 14.4213, 0.7876



5.7405, 14.4213, 5.4827



9.3941, 14.4213, 67.9484

Rectangle

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



26.8890, 14.4213, 34.1673



26.9337, 14.4213, 5.5699



5.7405, 14.4213, 5.4827



5.7246, 14.4213, 33.8743

Sweetspot

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



26.8895, 14.4220, 34.1676



67.3647, 58.6996, 82.5869



11.7971, 6.3651, 45.9544



14.1076, 11.8973, 17.4425



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.8895, 14.4220, 34.1676



46.5646, 23.1427, 57.0233



22.4772, 12.6571, 10.9326



9.3107, 9.1347, 10.9838



17.5176, 8.5808, 21.1442



0.6357, 0.3098, 0.8409

Inverse Universe

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



26.8895, 14.4220, 34.1676



46.5646, 23.1427, 57.0233



22.6528, 36.6012, 29.5389



9.3107, 9.1347, 10.9838



17.5176, 8.5808, 21.1442



0.6357, 0.3098, 0.8409

Previews

White Background



This preview shows how the XYZ color 26.8890, 14.4213, 34.1673 looks on a white background.

Color Contrast Check

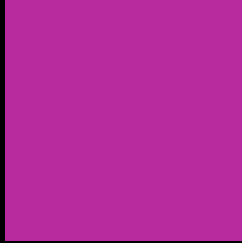
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8890, 14.4213, 34.1673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

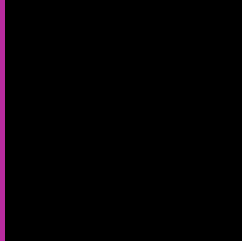
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.8890, 14.4213, 34.1673

Background



This preview shows how black text looks on a background with the XYZ color 26.8890, 14.4213, 34.1673.



This preview shows how white text looks on a background with the XYZ color 26.8890, 14.4213,

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

26.8890, 14.4213, 34.1673

Protanopia

17.3582, 14.8048, 62.9155

Deuteranopia

15.0727, 14.7854, 30.9136



Tritanopia

21.5614, 14.4007, 8.6644

Trichromacy



Original Color

26.8890, 14.4213, 34.1673

Protanomaly

16.7600, 11.9218, 50.7080

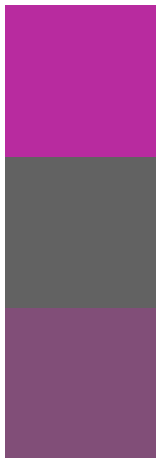
Deuteranomaly

17.3005, 12.8464, 31.7048

Tritanomaly

22.9130, 13.9827, 15.4012

Monochromacy



Original Color

26.8890, 14.4213, 34.1673

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

15.1678, 11.4720, 19.1842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8890, 14.4213, 34.1673 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(184, 43, 159)` looks like.

```
.text, #text, p{  
    color:rgb(184, 43, 159)  
}
```

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(184, 43, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 43, 159) }
```

Border

The CSS property to change the border of an element to XYZ 26.8890, 14.4213, 34.1673 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(184, 43, 159) }
```


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

```
.border{ border-color:rgb(184, 43, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 43, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 43, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 43, 159);  
box-shadow:4px 4px 4px 4px rgb(184, 43,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8890, 14.4213, 34.1673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 43, 159) }
```

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

```
.background{ background-color: rgb(184, 43,  
159) }
```

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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