

Converting Colors

XYZ(26.1599, 13.2769, 32.9556)

Have a look what the booklet for
XYZ(26.1599, 13.2769, 32.9556)
contains.

XYZ(26.1796, 13.2779, 33.0814)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.1796, 13.2779,
33.0814)**

Conversions

Conversions Part 1

Format	Color
Hex	B8189D
RGB	184, 24, 157
RGB Percent	72%, 9%, 62%
CMY	0.2784, 0.9058, 0.3843
CMYK	0.00, 0.87, 0.15, 0.28
HSL	310°, 77%, 41%
HSV	310°, 87%, 72%
XYZ	26.1796, 13.2779, 33.0814
YIQ	87.0020, 52.6670, 75.2830

Conversions

Conversions Part 2

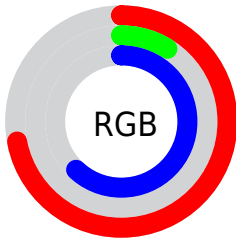
Format	Color
RYB	184, 24, 157
Decimal	12064925
CIELab	43.18, 70.24, -32.42
CIELCh	43, 77.360, 335.223
Yxy	13.2779, 0.3609, 0.1830
Android (android.graphics.Color)	4290255005 (0xFFB8189D)
YUV	87.0020, 34.5090, 85.0672
Hunter-Lab	36.4389, 64.4759, -28.3199

Details

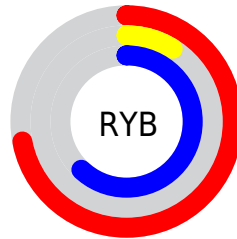
The XYZ color **26.1796, 13.2779, 33.0814** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **18.1155, 34.7148, 8.8793**, and the grayscale version is **8.9812, 9.4490, 10.2899**.

A 20% lighter version of the original color is **53.1062, 31.8153, 65.6293**, and **11.1540, 5.4555, 13.8297** is the 20% darker color. If you saturate the color by 10%, you get **25.6523, 12.6419, 31.6142**, and if you desaturate by 10%, it is **26.9644, 14.4176, 34.6679**.

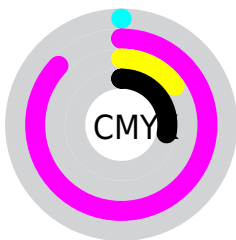
Distribution



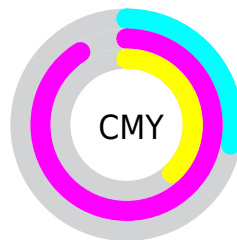
- Red (72%)
- Green (9%)
- Blue (62%)



- Red (72%)
- Yellow (9%)
- Blue (62%)



- Cyan (0%)
- Magenta (87%)
- Yellow (15%)
- Black (28%)





- Cyan (28%)
- Magenta (91%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1796, 13.2779, 33.0814 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 26.1796, 13.2779, 33.0814 by changing the saturation by 10% instead.

 26.1796, 13.2779,
33.0814


 26.1796, 13.2779,
33.0814


275.9032,
212.6911, 330.6596


 17.0914, 7.6202,
21.9172


 52.9938, 31.8021,
65.6201

 10.3954, 3.8529,
13.5983


 71.4505, 45.4375,
87.8316


 5.7262, 1.5916,
7.7063


 93.7608, 62.5008,
114.5627

 2.7184, 0.3519,
3.8225

 120.2900, 83.3765,
146.2318

 1.0066, 0.0000,
1.5285

 151.4035,
108.4490, 183.2575

 0.0000, 0.0000,
0.2390

 187.4666,

 0.0000, 0.0000,

138.1027, 226.0583

0.0000

228.8447,
172.7219, 275.0529

■ 26.1796, 13.2779,
33.0814

■ 26.1796, 13.2779,
33.0814

■ 25.6523, 12.6419,
31.6142

■ 26.9644, 14.4176,
34.6679

■ 25.5128, 12.4886,
31.1803

■ 28.0559, 16.1599,
36.3900

■ 29.4907, 18.5780,
38.2603

■ 31.3000, 21.7340,
40.2893

■ 33.5114, 25.6831,
42.4866

■ 36.1498, 30.4752,
44.8607

■ 39.2382, 36.1559,
47.4194

■ 42.7978, 42.7679,
50.1701

■ 46.8487, 50.3507,
53.1196

Harmonies

Analogous

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



20.4687, 13.2779, 61.3944



26.1796, 13.2779, 33.0814



27.8558, 13.2779, 11.6657

Triad

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



26.1796, 13.2779, 33.0814



11.6036, 13.2779, 0.0000



5.3723, 13.2779, 42.9264

Complementary

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



26.1796, 13.2779, 33.0814



18.1155, 34.7148, 8.8793

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.



4.2915, 13.2779, 17.6623



26.1796, 13.2779, 33.0814



7.0886, 13.2779, 0.7866

Square

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



26.1796, 13.2779, 33.0814



18.0698, 13.2779, 0.2942



4.8022, 13.2779, 4.5912



8.3939, 13.2779, 69.5840

Rectangle

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



26.1796, 13.2779, 33.0814



26.1182, 13.2779, 4.4840



4.8022, 13.2779, 4.5912



4.8221, 13.2779, 33.4860

Sweetspot

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



26.1801, 13.2786, 33.0816



65.7986, 55.7340, 81.5520



10.3278, 4.8100, 45.7319



13.8084, 11.3279, 17.2532



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.



26.1801, 13.2786, 33.0816



46.1709, 22.6078, 56.1136



21.4459, 11.3849, 8.1519



9.3141, 9.1360, 11.0014



17.6057, 8.6160, 21.6082



0.6381, 0.3107, 0.8537

Inverse Universe

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



26.1801, 13.2786, 33.0816



46.1709, 22.6078, 56.1136



21.5921, 36.1054, 27.1872



9.3141, 9.1360, 11.0014



17.6057, 8.6160, 21.6082



0.6381, 0.3107, 0.8537

Previews

White Background



This preview shows how the XYZ color 26.1796, 13.2779, 33.0814 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 26.1796, 13.2779, 33.0814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

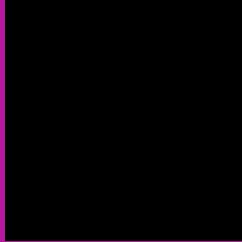
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.1796, 13.2779, 33.0814

Background



This preview shows how black text looks on a background with the XYZ color 26.1796, 13.2779, 33.0814.



This preview shows how white text looks on a background with the XYZ color 26.1796, 13.2779,

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

26.1796, 13.2779, 33.0814

Protanopia

16.4408, 13.8678, 64.0976

Deuteranopia

13.9344, 13.6193, 29.9113



Tritanopia

20.8690, 13.4404, 7.1246

Trichromacy



Original Color

26.1796, 13.2779, 33.0814



Protanomaly

14.1465, 9.6338, 50.9831



Deuteranomaly

16.0607, 11.2695, 30.6069



Tritanomaly

22.0800, 12.8045, 13.6197

Monochromacy



Original Color

26.1796, 13.2779, 33.0814



Achromatopsia

9.0590, 9.5307, 10.3790



Achromatomaly

12.7841, 8.9742, 16.3876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1796, 13.2779, 33.0814 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, 24, 157)` looks like.

```
.text, #text, p{  
    color:rgb(184, 24, 157)  
}
```

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, 24, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 24, 157) }
```

Border

The CSS property to change the border of an element to XYZ 26.1796, 13.2779, 33.0814 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, 24, 157) }
```


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

```
.border{ border-color:rgb(184, 24, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 24, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 24, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 24, 157);  
box-shadow:4px 4px 4px 4px rgb(184, 24,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1796, 13.2779, 33.0814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 24, 157) }
```

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

```
.background{ background-color: rgb(184, 24,  
157) }
```

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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