

Converting Colors

XYZ(26.0762, 13.2712, 32.4283)

Have a look what the booklet for
XYZ(26.0762, 13.2712, 32.4283)
contains.

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Color

**XYZ(26.1155, 13.2859,
32.6405)**

Conversions

Conversions Part 1

Format	Color
Hex	B8199C
RGB	184, 25, 156
RGB Percent	72%, 10%, 61%
CMY	0.2784, 0.9019, 0.3882
CMYK	0.00, 0.86, 0.15, 0.28
HSL	311°, 76%, 41%
HSV	311°, 86%, 72%
XYZ	26.1155, 13.2859, 32.6405
YIQ	87.4750, 52.7130, 74.4490

Conversions

Conversions Part 2

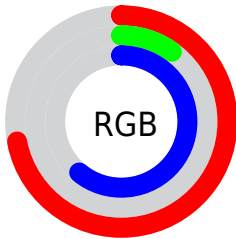
Format	Color
RYB	184, 25, 156
Decimal	12065180
CIELab	43.19, 69.92, -31.80
CIELCh	43, 76.813, 335.544
Yxy	13.2859, 0.3625, 0.1844
Android (android.graphics.Color)	4290255260 (0xFFB8199C)
YUV	87.4750, 33.7828, 84.6524
Hunter-Lab	36.4498, 64.1041, -27.5788

Details

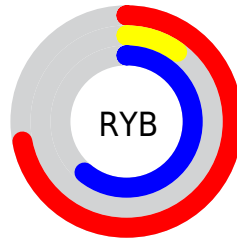
The XYZ color **26.1155, 13.2859, 32.6405** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **18.1848, 34.7452, 9.1179**, and the grayscale version is **9.0845, 9.5576, 10.4082**.

A 20% lighter version of the original color is **53.0688, 31.9417, 64.9963**, and **11.1029, 5.4351, 13.5606** is the 20% darker color. If you saturate the color by 10%, you get **25.5690, 12.6260, 31.1225**, and if you desaturate by 10%, it is **26.9252, 14.4600, 34.2825**.

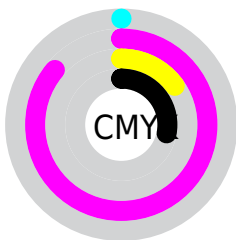
Distribution



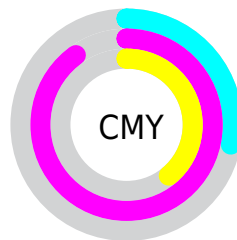
- Red (72%)
- Green (10%)
- Blue (61%)



- Red (72%)
- Yellow (10%)
- Blue (61%)



- Cyan (0%)
- Magenta (86%)
- Yellow (15%)
- Black (28%)





- Cyan (28%)
- Magenta (90%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1155, 13.2859, 32.6405 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 26.1155, 13.2859, 32.6405 by changing the saturation by 10% instead.


 26.1155, 13.2859,
32.6405


 26.1155, 13.2859,
32.6405


275.5949,
212.7419, 328.6089


 17.0432, 7.6257,
21.5823


 52.8912, 31.8165,
64.9234


 10.3608, 3.8564,
13.3550


 71.3253, 45.4556,
86.9852


 5.7029, 1.5936,
7.5398


 93.6107, 62.5233,
113.5519

 2.7042, 0.3533,
3.7184

 120.1128, 83.4037,
145.0422

 0.9994, 0.0000,
1.4722

 151.1969,
108.4814, 181.8744

 0.0000, 0.0000,
0.1971

 187.2284,

 0.0000, 0.0000,

138.1408, 224.4673

0.0000

228.5726,
172.7661, 273.2393

■ 26.1155, 13.2859,
32.6405

■ 26.1155, 13.2859,
32.6405

■ 25.5690, 12.6260,
31.1225

■ 26.9252, 14.4600,
34.2825

■ 25.4016, 12.4441,
30.5953

■ 28.0443, 16.2413,
36.0640

■ 29.5091, 18.7021,
37.9974

■ 31.3506, 21.9043,
40.0933

■ 33.5961, 25.9027,
42.3611

■ 36.2707, 30.7468,
44.8093

■ 39.3970, 36.4823,
47.4459

■ 42.9963, 43.1514,
50.2781

■ 47.0885, 50.7938,
53.3128

Harmonies

Analogous

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



20.4865, 13.2859, 60.6447



26.1155, 13.2859, 32.6405



27.7218, 13.2859, 11.5341

Triad

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



26.1155, 13.2859, 32.6405



11.5576, 13.2859, 0.0000



5.4352, 13.2859, 42.9759

Complementary

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



26.1155, 13.2859, 32.6405



18.1848, 34.7452, 9.1179

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.



4.3376, 13.2859, 17.8570



26.1155, 13.2859, 32.6405



7.0902, 13.2859, 0.8366

Square

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



26.1155, 13.2859, 32.6405



17.9627, 13.2859, 0.3178



4.8310, 13.2859, 4.7192



8.4701, 13.2859, 69.2254

Rectangle

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



26.1155, 13.2859, 32.6405



25.9671, 13.2859, 4.4577



4.8310, 13.2859, 4.7192



4.8794, 13.2859, 33.6176

Sweetspot

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



26.1160, 13.2866, 32.6407



65.7347, 55.7084, 81.2151



10.3909, 4.8737, 45.7407



13.7930, 11.3217, 17.1718



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.



26.1160, 13.2866, 32.6407



45.9671, 22.5263, 55.0404



21.4907, 11.4365, 8.2843



9.3112, 9.1349, 10.9863



17.5299, 8.5857, 21.2089



0.6360, 0.3099, 0.8427

Inverse Universe

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



26.1160, 13.2866, 32.6407



45.9671, 22.5263, 55.0404



21.6389, 36.1268, 27.3072



9.3112, 9.1349, 10.9863



17.5299, 8.5857, 21.2089



0.6360, 0.3099, 0.8427

Previews

White Background



This preview shows how the XYZ color 26.1155, 13.2859, 32.6405 looks on a white background.

Color Contrast Check

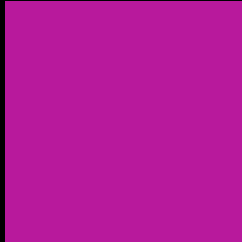
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1155, 13.2859, 32.6405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

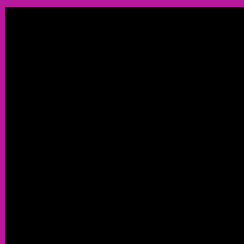
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.1155, 13.2859, 32.6405

Background



This preview shows how black text looks on a background with the XYZ color 26.1155, 13.2859, 32.6405.



This preview shows how white text looks on a background with the XYZ color 26.1155, 13.2859,

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

26.1155, 13.2859, 32.6405

Protanopia

16.4408, 13.8678, 64.0976

Deuteranopia

13.9483, 13.6356, 29.5005



Tritanopia

20.8382, 13.4281, 6.9624

Trichromacy



Original Color

26.1155, 13.2859, 32.6405



Protanomaly

14.2117, 9.7642, 51.0048



Deuteranomaly

15.9798, 11.2371, 30.1809



Tritanomaly

22.0313, 12.7850, 13.3632

Monochromacy



Original Color

26.1155, 13.2859, 32.6405



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 26.1155, 13.2859, 32.6405 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, 25, 156)` looks like.

```
.text, #text, p{  
  color:rgb(184, 25, 156)  
}
```

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, 25, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 25, 156) }
```

Border

The CSS property to change the border of an element to XYZ 26.1155, 13.2859, 32.6405 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, 25, 156) }
```


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

```
.border{ border-color:rgb(184, 25, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 25, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 25, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 25, 156);  
box-shadow:4px 4px 4px 4px rgb(184, 25,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1155, 13.2859, 32.6405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 25, 156) }
```

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

```
.background{ background-color: rgb(184, 25,  
156) }
```

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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