

Converting Colors

XYZ(26.3098, 13.1832, 43.2774)

Have a look what the booklet for
XYZ(26.3098, 13.1832, 43.2774)
contains.

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Color

**XYZ(26.3098, 13.1832,
43.2774)**

Conversions

Conversions Part 1

Format	Color
Hex	B01AB2
RGB	176, 26, 178
RGB Percent	69%, 10%, 70%
CMY	0.3098, 0.8980, 0.3020
CMYK	0.01, 0.85, 0.00, 0.30
HSL	299°, 75%, 40%
HSV	299°, 85%, 70%
XYZ	26.3098, 13.1832, 43.2774
YIQ	88.1780, 40.6080, 79.0720

Conversions

Conversions Part 2

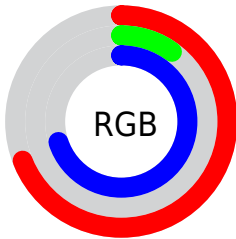
Format	Color
R_{YB}	176, 26, 178
Decimal	11541170
CIE _{Lab}	43.04, 71.38, -45.26
CIE _{LCh}	43, 84.524, 327.624
Yxy	13.1832, 0.3179, 0.1593
Android (android.graphics.Color)	4289731250 (0xFFB01AB2)
YUV	88.1780, 44.2822, 77.0199
Hunter-Lab	36.3087, 65.8035, -45.2535

Details

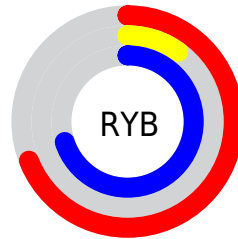
The XYZ color **26.3098, 13.1832, 43.2774** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **16.5861, 32.1625, 6.3116**, and the grayscale version is **9.2159, 9.6958, 10.5587**.

A 20% lighter version of the original color is **53.1149, 31.6081, 81.1434**, and **11.2458, 5.3772, 19.5140** is the 20% darker color. If you saturate the color by 10%, you get **25.9770, 12.5956, 43.1817**, and if you desaturate by 10%, it is **26.8873, 14.2591, 43.4548**.

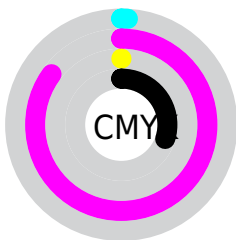
Distribution



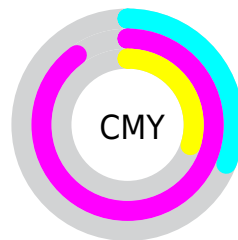
- Red (69%)
- Green (10%)
- Blue (70%)



- Red (69%)
- Yellow (10%)
- Blue (70%)



- Cyan (1%)
- Magenta (85%)
- Yellow (0%)
- Black (30%)





- Cyan (31%)
- Magenta (90%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3098, 13.1832, 43.2774 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 26.3098, 13.1832, 43.2774 by changing the saturation by 10% instead.


 26.3098, 13.1832,
43.2774


 26.3098, 13.1832,
43.2774


276.5285,
212.0885, 375.7060


 17.1894, 7.5548,
29.7698


 53.2021, 31.6325,
81.4201

 10.4658, 3.8114,
19.4134


 71.7047, 45.2222,
106.8924


 5.7735, 1.5686,
11.7895


 94.0654, 62.2346,
137.1899

 2.7472, 0.3363,
6.4797

 120.6496, 83.0538,
172.7313

 1.0215, 0.0000,
3.0655

 151.8227,
108.0644, 213.9351

 0.0000, 0.0000,
1.1282

 187.9499,

 0.0000, 0.0000,

137.6508, 261.2197

0.0000

229.3967,
172.1974, 315.0039

■ 26.3098, 13.1832,
43.2774

■ 26.3098, 13.1832,
43.2774

■ 25.9770, 12.5956,
43.1817

■ 26.8873, 14.2591,
43.4548

■ 25.8635, 12.4048,
43.1509

■ 27.7482, 15.9021,
43.7266

■ 28.9255, 18.1778,
44.1038

■ 30.4472, 21.1421,
44.5957

■ 32.3383, 24.8451,
45.2108

■ 34.6213, 29.3319,
45.9565

■ 37.3172, 34.6442,
46.8398

■ 40.4453, 40.8208,
47.8672

■ 44.0237, 47.8979,
49.0446

Harmonies

Analogous

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



19.2569, 13.1832, 75.0619



26.3098, 13.1832, 43.2774



29.6033, 13.1832, 15.8882

Triad

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



26.3098, 13.1832, 43.2774



13.0550, 13.1832, 0.0000



4.4039, 13.1832, 38.1373

Complementary

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



26.3098, 13.1832, 43.2774



16.5861, 32.1625, 6.3116

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.



3.7372, 13.1832, 12.9224



26.3098, 13.1832, 43.2774



7.5868, 13.1832, 0.0000

Square

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



26.3098, 13.1832, 43.2774



20.4756, 13.1832, 0.1971



4.6668, 13.1832, 2.4587



6.9631, 13.1832, 70.6842

Rectangle

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



26.3098, 13.1832, 43.2774



28.5944, 13.1832, 6.0215



4.6668, 13.1832, 2.4587



4.0000, 13.1832, 28.1310

Sweetspot

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



26.3103, 13.1838, 43.2777



62.3092, 52.2581, 83.1839



8.8903, 4.2905, 42.4792



13.4785, 10.9365, 18.3228



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.3103, 13.1838, 43.2777



46.8852, 22.4868, 78.2504



21.2558, 11.2146, 14.2846



8.8388, 8.6409, 10.7083



18.5100, 8.8781, 30.8750



0.5859, 0.2811, 0.9716

Inverse Universe

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



18.9394, 10.2880, 2.0866



33.3117, 17.1709, 1.6462



18.6214, 32.9705, 17.3053



8.5007, 8.5070, 8.8694



13.1479, 6.7767, 0.6728



0.4152, 0.2138, 0.0290

Previews

White Background



This preview shows how the XYZ color 26.3098, 13.1832, 43.2774 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 26.3098, 13.1832, 43.2774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

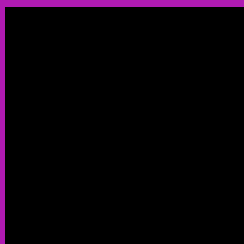
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.3098, 13.1832, 43.2774

Background



This preview shows how black text looks on a background with the XYZ color 26.3098, 13.1832, 43.2774.



This preview shows how white text looks on a background with the XYZ color 26.3098, 13.1832,

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

26.3098, 13.1832, 43.2774

Protanopia

16.0947, 13.5768, 62.7451

Deuteranopia

13.9680, 13.5844, 38.9316



Tritanopia

19.2747, 13.3145, 8.7618

Trichromacy



Original Color

26.3098, 13.1832, 43.2774



Protanomaly

14.6248, 9.8019, 54.5472



Deuteranomaly

15.6714, 10.9538, 40.3180



Tritanomaly

20.8136, 12.4783, 17.2311

Monochromacy



Original Color

26.3098, 13.1832, 43.2774



Achromatopsia

9.2757, 9.7587, 10.6273



Achromatomaly

13.0872, 9.1541, 19.1663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3098, 13.1832, 43.2774 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(176, 26, 178)` looks like.

```
.text, #text, p{  
    color:rgb(176, 26, 178)  
}
```

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(176, 26, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 26, 178) }
```

Border

The CSS property to change the border of an element to XYZ 26.3098, 13.1832, 43.2774 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(176, 26, 178) }
```


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

```
.border{ border-color:rgb(176, 26, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 26, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 26, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 26, 178);  
box-shadow:4px 4px 4px 4px rgb(176, 26,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3098, 13.1832, 43.2774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 26, 178) }
```

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

```
.background{ background-color: rgb(176, 26,  
178) }
```

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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