

Converting Colors

XYZ(26.4525, 13.3775, 12.9494)

Have a look what the booklet for
XYZ(26.4525, 13.3775, 12.9494)
contains.

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Color

**XYZ(26.3395, 13.3184,
12.9868)**

Conversions

Conversions Part 1

Format	Color
Hex	C90063
RGB	201, 0, 99
RGB Percent	79%, 0%, 39%
CMY	0.2118, 0.9998, 0.6118
CMYK	0.00, 1.00, 0.51, 0.21
HSL	330°, 100%, 39%
HSV	330°, 100%, 79%
XYZ	26.3395, 13.3184, 12.9868
YIQ	71.3850, 88.0170, 73.4010

Conversions

Conversions Part 2

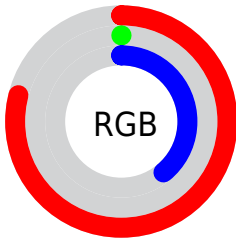
Format	Color
RYB	201, 0, 99
Decimal	13172835
CIELab	43.24, 70.64, 3.69
CIElCh	43, 70.737, 2.988
Yxy	13.3184, 0.5003, 0.2530
Android (android.graphics.Color)	4291362915 (0xFFC90063)
YUV	71.3850, 13.6142, 113.6724
Hunter-Lab	36.4944, 64.9656, 4.4473

Details

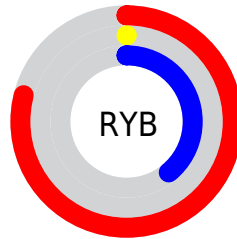
The XYZ color **26.3395, 13.3184, 12.9868** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **23.2874, 42.7335, 19.6021**, and the grayscale version is **6.0254, 6.3392, 6.9034**.

A 20% lighter version of the original color is **50.0730, 30.2463, 31.6328**, and **11.4578, 5.8325, 3.8900** is the 20% darker color. If you saturate the color by 10%, you get **26.3384, 13.3179, 12.9815**, and if you desaturate by 10%, it is **27.1111, 14.0312, 15.8045**.

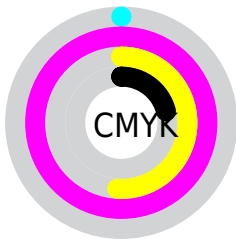
Distribution



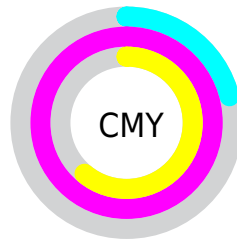
- Red (79%)
- Green (0%)
- Blue (39%)



- Red (79%)
- Yellow (0%)
- Blue (39%)



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (21%)




- Cyan (21%)
- Magenta (100%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3395, 13.3184, 12.9868 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 26.3395, 13.3184, 12.9868 by changing the saturation by 10% instead.


 26.3395, 13.3184,
12.9868


 26.3395, 13.3184,
12.9868


276.6709,
212.9483, 222.0379


 17.2118, 7.6482,
7.2888


 53.2495, 31.8746,
31.9709


 10.4819, 3.8707,
3.5622


 71.7626, 45.5294,
46.0941


 5.7843, 1.6015,
1.3884


 94.1348, 62.6145,
63.8629

 2.7538, 0.3586,
0.1326

 120.7316, 83.5143,
85.6956

 1.0249, 0.0000,
0.0000

 151.9182,
108.6132, 112.0110

 0.0000, 0.0000,
0.0000

 188.0601,

138.2955, 143.2274

229.5225,
172.9458, 179.7636

■ 26.3395, 13.3184,
12.9868

■ 26.3395, 13.3184,
12.9868

■ 26.3384, 13.3179,
12.9815

■ 27.1111, 14.0312,
15.8045

■ 28.2083, 15.2930,
19.0454

■ 29.7239, 17.2862,
22.7507

■ 31.7079, 20.1074,
26.9468

■ 34.2024, 23.8383,
31.6571

■ 37.2449, 28.5507,
36.9030

■ 40.8690, 34.3090,
42.7044

■ 45.1056, 41.1722,
49.0798

■ 49.9832, 49.1949,
56.0468

Harmonies

Analogous

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



24.5352, 13.3184, 32.9413



26.3395, 13.3184, 12.9868



23.6924, 13.3184, 3.5051

Triad

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



26.3395, 13.3184, 12.9868



7.7512, 13.3184, 1.0674



8.4566, 13.3184, 61.3138

Complementary

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



26.3395, 13.3184, 12.9868



23.2874, 42.7335, 19.6021

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.



5.7260, 13.3184, 37.8696



26.3395, 13.3184, 12.9868



5.4089, 13.3184, 4.6703

Square

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



26.3395, 13.3184, 12.9868



12.1182, 13.3184, 0.2733



4.7911, 13.3184, 16.1296



13.2151, 13.3184, 70.1984

Rectangle

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



26.3395, 13.3184, 12.9868



20.1067, 13.3184, 1.2950



4.7911, 13.3184, 16.1296



7.3231, 13.3184, 54.3185

Sweetspot

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



26.3398, 13.3192, 12.9870



69.6769, 58.2669, 72.6561



15.8563, 6.9570, 55.7652



14.3233, 11.5285, 14.6211



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.3398, 13.3192, 12.9870



44.9782, 22.7553, 21.6153



24.0879, 12.4184, 1.1286



10.8479, 10.7226, 12.1825



16.6067, 8.3923, 8.4049



0.8229, 0.4120, 0.5906

Inverse Universe

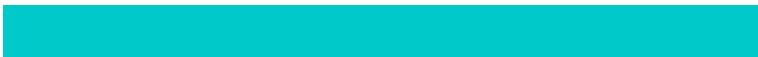
The Inverse Universe completely reimagines the original color for something new.



26.3398, 13.3192, 12.9870



44.9782, 22.7553, 21.6153



31.4296, 45.9904, 62.4785



10.8479, 10.7226, 12.1825



16.6067, 8.3923, 8.4049



0.8229, 0.4120, 0.5906

Previews

White Background



This preview shows how the XYZ color 26.3395, 13.3184, 12.9868 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 26.3395, 13.3184, 12.9868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

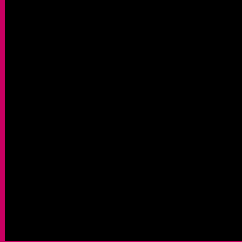
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.3395, 13.3184, 12.9868

Background



This preview shows how black text looks on a background with the XYZ color 26.3395, 13.3184, 12.9868.



This preview shows how white text looks on a background with the XYZ color 26.3395, 13.3184,

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

26.3395, 13.3184, 12.9868

Protanopia

14.3224, 14.0108, 27.9361

Deuteranopia

14.1498, 13.9846, 11.8511



Tritanopia

24.3804, 13.6033, 3.2602

Trichromacy



Original Color

26.3395, 13.3184, 12.9868



Protanomaly

15.2947, 10.3343, 21.2673



Deuteranomaly

16.2482, 10.8645, 11.8304



Tritanomaly

24.7431, 13.1743, 5.6537

Monochromacy



Original Color

26.3395, 13.3184, 12.9868



Achromatopsia

5.9891, 6.3010, 6.8618



Achromatomaly

9.8948, 6.3224, 8.4834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3395, 13.3184, 12.9868 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(201, 0, 99)` looks like.

```
.text, #text, p{  
    color:rgb(201, 0, 99)  
}
```

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(201, 0, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 0, 99) }
```

Border

The CSS property to change the border of an element to XYZ 26.3395, 13.3184, 12.9868 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(201, 0, 99) }
```


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

```
.border{ border-color:rgb(201, 0, 99) }
```

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

Here you see how a box with a 4 pixel rgb(201, 0, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 0, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 0, 99);  
box-shadow:4px 4px 4px 4px rgb(201, 0, 99)  
}
```

Background

The CSS property to change the background color of an element to XYZ 26.3395, 13.3184, 12.9868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 0, 99) }
```

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

```
.background{ background-color: rgb(201, 0,  
99) }
```

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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