

Converting Colors

XYZ(26.4809, 13.0999, 26.1555)

Have a look what the booklet for
XYZ(26.4809, 13.0999, 26.1555)
contains.

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Color

**XYZ(26.5459, 13.1296,
26.3344)**

Conversions

Conversions Part 1

Format	Color
Hex	C0008D
RGB	192, 0, 141
RGB Percent	75%, 0%, 55%
CMY	0.2471, 0.9999, 0.4471
CMYK	0.00, 1.00, 0.27, 0.25
HSL	316°, 100%, 38%
HSV	316°, 100%, 75%
XYZ	26.5459, 13.1296, 26.3344
YIQ	73.4820, 69.1710, 84.5550

Conversions

Conversions Part 2

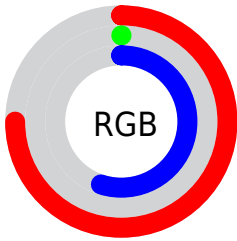
Format	Color
RYB	192, 0, 141
Decimal	12583053
CIELab	42.96, 72.70, -22.96
CIELCh	43, 76.241, 342.475
Yxy	13.1296, 0.4022, 0.1989
Android (android.graphics.Color)	4290773133 (0xFFC0008D)
YUV	73.4820, 33.2864, 103.9403
Hunter-Lab	36.2348, 67.3597, -17.7259

Details

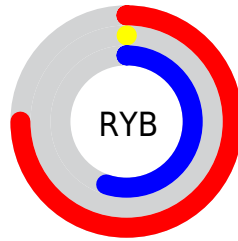
The XYZ color **26.5459, 13.1296, 26.3344** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **19.4484, 37.9388, 9.4339**, and the grayscale version is **6.3556, 6.6866, 7.2817**.

A 20% lighter version of the original color is **53.7665, 31.6392, 54.9029**, and **11.5612, 5.7419, 10.3965** is the 20% darker color. If you saturate the color by 10%, you get **26.5453, 13.1293, 26.3309**, and if you desaturate by 10%, it is **27.1713, 13.7587, 28.4590**.

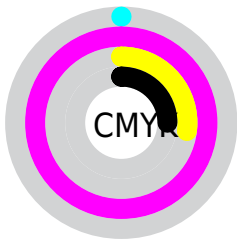
Distribution



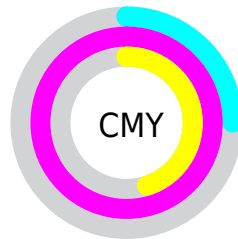
- Red (75%)
- Green (0%)
- Blue (55%)



- Red (75%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (25%)





- Cyan (25%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5459, 13.1296, 26.3344 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 26.5459, 13.1296, 26.3344 by changing the saturation by 10% instead.


 26.5459, 13.1296,
26.3344


 26.5459, 13.1296,
26.3344

277.6595,
211.7466, 298.0773


 17.3673, 7.5179,
16.8460


 53.5794, 31.5364,
54.8046

 10.5936, 3.7880,
9.9639


 72.1649, 45.1003,
74.6235


 5.8596, 1.5557,
5.2698

 94.6169, 62.0836,
98.7229

 2.7997, 0.3275,
2.3449

 121.3005, 82.8709,
127.5214

 1.0488, 0.0000,
0.7562

 152.5813,
107.8464, 161.4376

 0.0000, 0.0000,
0.0000

 188.8244,

137.3946, 200.8899

230.3954,
171.8999, 246.2970

■ 26.5459, 13.1296,
26.3344

■ 26.5459, 13.1296,
26.3344

■ 26.5453, 13.1293,
26.3309

■ 27.1713, 13.7587,
28.4590

■ 28.0477, 14.8616,
30.7545

■ 29.2594, 16.6065,
33.2504

■ 30.8493, 19.0786,
35.9618

■ 32.8536, 22.3503,
38.9021

■ 35.3043, 26.4850,
42.0828

■ 38.2301, 31.5398,
45.5146

■ 41.6572, 37.5668,
49.2072

■ 45.6100, 44.6142,
53.1698

Harmonies

Analogous

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



21.7039, 13.1296, 53.5662



26.5459, 13.1296, 26.3344



26.9718, 13.1296, 8.4125

Triad

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



26.5459, 13.1296, 26.3344



10.2070, 13.1296, 0.0000



5.8930, 13.1296, 48.8751

Complementary

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



26.5459, 13.1296, 26.3344



19.4484, 37.9388, 9.4339

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.



4.4115, 13.1296, 22.4308



26.5459, 13.1296, 26.3344



6.3276, 13.1296, 1.2752

Square

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



26.5459, 13.1296, 26.3344



16.1762, 13.1296, 0.0953



4.5408, 13.1296, 6.6327



9.3935, 13.1296, 72.1378

Rectangle

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



26.5459, 13.1296, 26.3344



24.5551, 13.1296, 3.0463



4.5408, 13.1296, 6.6327



5.1998, 13.1296, 39.4561

Sweetspot

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



26.5463, 13.1303, 26.3346



68.9853, 56.6504, 82.1488



10.7350, 4.4355, 50.1595



14.2971, 11.2811, 17.0466



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.5463, 13.1303, 26.3346



47.9888, 23.7456, 47.1318



22.2726, 11.4208, 3.8297



10.3794, 10.2004, 12.0883



17.8957, 8.8480, 17.8947



0.8005, 0.3932, 0.9167

Inverse Universe

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



26.5463, 13.1303, 26.3346



47.9888, 23.7456, 47.1318



23.8848, 39.7134, 32.7956



10.3794, 10.2004, 12.0883



17.8957, 8.8480, 17.8947



0.8005, 0.3932, 0.9167

Previews

White Background



This preview shows how the XYZ color 26.5459, 13.1296, 26.3344 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 26.5459, 13.1296, 26.3344 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 26.5459, 13.1296, 26.3344

Background



This preview shows how black text looks on a background with the XYZ color 26.5459, 13.1296, 26.3344.



This preview shows how white text looks on a background with the XYZ color 26.5459, 13.1296,

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

26.5459, 13.1296, 26.3344

Protanopia

16.2785, 14.0823, 57.1185

Deuteranopia

14.0618, 13.8213, 23.7564



Tritanopia

22.4276, 13.5729, 5.4408

Trichromacy



Original Color

26.5459, 13.1296, 26.3344



Protanomaly

15.0071, 9.5181, 43.6940



Deuteranomaly

15.9363, 10.5164, 24.1116



Tritanomaly

23.1314, 12.6577, 10.4565

Monochromacy



Original Color

26.5459, 13.1296, 26.3344



Achromatopsia

6.5089, 6.8478, 7.4573



Achromatomaly

10.5572, 6.6968, 12.2915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5459, 13.1296, 26.3344 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(192, 0, 141)` looks like.

```
.text, #text, p{  
    color:rgb(192, 0, 141)  
}
```

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(192, 0, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 0, 141) }
```

Border

The CSS property to change the border of an element to XYZ 26.5459, 13.1296, 26.3344 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(192, 0, 141) }
```


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

```
.border{ border-color:rgb(192, 0, 141) }
```

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

Here you see how a box with a 4 pixel rgb(192, 0, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 0, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 0, 141);  
box-shadow:4px 4px 4px 4px rgb(192, 0,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5459, 13.1296, 26.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 0, 141) }
```

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

```
.background{ background-color: rgb(192, 0,  
141) }
```

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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