

Converting Colors

XYZ(26.6005, 13.2271, 20.8528)

Have a look what the booklet for
XYZ(26.6005, 13.2271, 20.8528)
contains.

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Color

**XYZ(26.5308, 13.2421,
20.8963)**

Conversions

Conversions Part 1

Format	Color
Hex	C4007E
RGB	196, 0, 126
RGB Percent	77%, 0%, 49%
CMY	0.2314, 0.9999, 0.5059
CMYK	0.00, 1.00, 0.36, 0.23
HSL	321°, 100%, 38%
HSV	321°, 100%, 77%
XYZ	26.5308, 13.2421, 20.8963
YIQ	72.9680, 76.3700, 80.7380

Conversions

Conversions Part 2

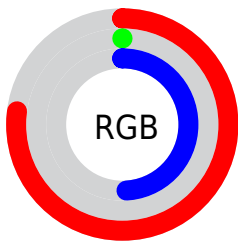
Format	Color
RYB	196, 0, 126
Decimal	12845182
CIELab	43.13, 71.92, -13.42
CIELCh	43, 73.158, 349.428
Yxy	13.2421, 0.4373, 0.2183
Android (android.graphics.Color)	4291035262 (0xFFC4007E)
YUV	72.9680, 26.1448, 107.8991
Hunter-Lab	36.3897, 66.4578, -8.5737

Details

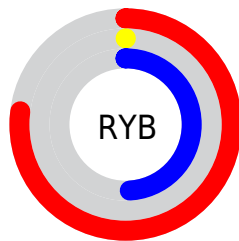
The XYZ color **26.5308, 13.2421, 20.8963** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **20.8469, 39.9226, 12.4070**, and the grayscale version is **6.2771, 6.6040, 7.1917**.

A 20% lighter version of the original color is **52.7849, 31.3311, 45.9133**, and **11.4929, 5.7701, 7.5292** is the 20% darker color. If you saturate the color by 10%, you get **26.5300, 13.2418, 20.8922**, and if you desaturate by 10%, it is **27.2424, 13.9167, 23.4412**.

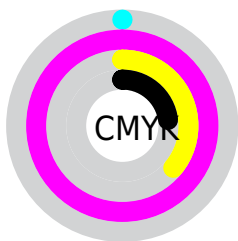
Distribution



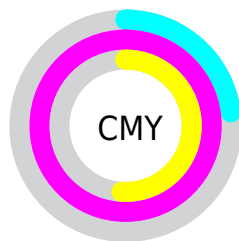
- Red (77%)
- Green (0%)
- Blue (49%)



- Red (77%)
- Yellow (0%)
- Blue (49%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (23%)





- Cyan (23%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5308, 13.2421, 20.8963 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 26.5308, 13.2421, 20.8963 by changing the saturation by 10% instead.


 26.5308, 13.2421,
20.8963


 26.5308, 13.2421,
20.8963


277.5873,
212.4635, 269.4898

 17.3559, 7.5955,
12.8577


 53.5552, 31.7380,
45.7934


 10.5854, 3.8372,
7.2011


 72.1355, 45.3562,
63.4891


 5.8540, 1.5829,
3.5078

 94.5816, 62.4002,
85.2408

 2.7963, 0.3460,
1.3594

 121.2589, 83.2546,
111.4672

 1.0470, 0.0000,
0.1098

 152.5328,
108.3037, 142.5867

 0.0000, 0.0000,
0.0000

 188.7686,

137.9320, 179.0180

230.3316,
172.5238, 221.1795

■ 26.5308, 13.2421,
20.8963

■ 26.5308, 13.2421,
20.8963

■ 26.5300, 13.2418,
20.8922

■ 27.2424, 13.9167,
23.4412

■ 28.2320, 15.0957,
26.2377

■ 29.5871, 16.9533,
29.3182

■ 31.3534, 19.5797,
32.7008

■ 33.5694, 23.0509,
36.4010

■ 36.2689, 27.4340,
40.4331

■ 39.4826, 32.7892,
44.8098

■ 43.2383, 39.1714,
49.5431

■ 47.5620, 46.6315,
54.6443

Harmonies

Analogous

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



22.7452, 13.2421, 45.4981



26.5308, 13.2421, 20.8963



25.8249, 13.2421, 6.3616

Triad

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



26.5308, 13.2421, 20.8963



9.3142, 13.2421, 0.3749



6.7708, 13.2421, 53.1871

Complementary

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



26.5308, 13.2421, 20.8963



20.8469, 39.9226, 12.4070

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.



4.8819, 13.2421, 27.4048



26.5308, 13.2421, 20.8963



6.0177, 13.2421, 2.1862

Square

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



26.5308, 13.2421, 20.8963



14.6814, 13.2421, 0.1705



4.6551, 13.2421, 9.4402



10.7005, 13.2421, 71.5236

Rectangle

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



26.5308, 13.2421, 20.8963



22.9521, 13.2421, 2.3239



4.6551, 13.2421, 9.4402



5.9331, 13.2421, 44.4849

Sweetspot

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



26.5312, 13.2428, 20.8965



71.2184, 58.8835, 80.7737



12.3917, 5.2377, 52.5823



14.6893, 11.6749, 16.5484



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.



26.5312, 13.2428, 20.8965



47.9330, 23.9372, 37.1748



22.9924, 11.8273, 2.2615



10.3396, 10.1845, 11.8789



17.0890, 8.5254, 13.6467



0.7702, 0.3811, 0.7575

Inverse Universe

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



26.5312, 13.2428, 20.8965



47.9330, 23.9372, 37.1748



26.6789, 42.2554, 43.1181



10.3396, 10.1845, 11.8789



17.0890, 8.5254, 13.6467



0.7702, 0.3811, 0.7575

Previews

White Background



This preview shows how the XYZ color 26.5308, 13.2421, 20.8963 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

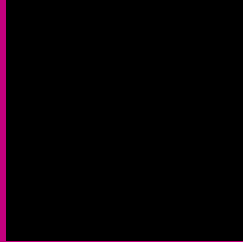
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.5308, 13.2421, 20.8963

Background



This preview shows how black text looks on a background with the XYZ color 26.5308, 13.2421, 20.8963.



This preview shows how white text looks on a background with the XYZ color 26.5308, 13.2421,

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

26.5308, 13.2421, 20.8963

Protanopia

15.4438, 14.0632, 45.0805

Deuteranopia

14.0489, 13.7799, 18.7489



Tritanopia

23.2463, 13.6055, 4.6497

Trichromacy



Original Color

26.5308, 13.2421, 20.8963



Protanomaly

15.3057, 9.9635, 34.3742



Deuteranomaly

16.0388, 10.5983, 18.9696



Tritanomaly

23.9201, 12.9350, 8.6331

Monochromacy



Original Color

26.5308, 13.2421, 20.8963



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

10.3800, 6.5782, 10.8479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5308, 13.2421, 20.8963 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(196, 0, 126)` looks like.

```
.text, #text, p{  
    color:rgb(196, 0, 126)  
}
```

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(196, 0, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 0, 126) }
```

Border

The CSS property to change the border of an element to XYZ 26.5308, 13.2421, 20.8963 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(196, 0, 126) }
```


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

```
.border{ border-color:rgb(196, 0, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 0, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 0, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 0, 126);  
box-shadow:4px 4px 4px 4px rgb(196, 0,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5308, 13.2421, 20.8963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 0, 126) }
```

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

```
.background{ background-color: rgb(196, 0,  
126) }
```

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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