

Converting Colors

XYZ(24.3340, 12.2799, 13.0983)

Have a look what the booklet for
XYZ(24.3340, 12.2799, 13.0983)
contains.

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Color

**XYZ(24.2926, 12.2576,
13.1422)**

Conversions

Conversions Part 1

Format	Color
Hex	C10064
RGB	193, 0, 100
RGB Percent	76%, 0%, 39%
CMY	0.2431, 0.9999, 0.6078
CMYK	0.00, 1.00, 0.48, 0.24
HSL	329°, 100%, 38%
HSV	329°, 100%, 76%
XYZ	24.2926, 12.2576, 13.1422
YIQ	69.1070, 82.9280, 72.0160

Conversions

Conversions Part 2

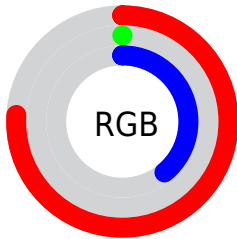
Format	Color
R_{YB}	193, 0, 100
Decimal	12648548
CIE _{Lab}	41.62, 68.94, 0.51
CIE _{LCh}	42, 68.937, 0.423
Yxy	12.2576, 0.4889, 0.2467
Android (android.graphics.Color)	4290838628 (0xFFC10064)
YUV	69.1070, 15.2302, 108.6542
Hunter-Lab	35.0109, 62.5848, 2.2516

Details

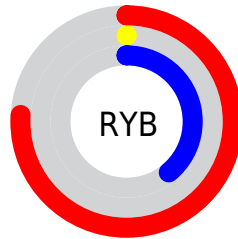
The XYZ color **24.2926, 12.2576, 13.1422** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **21.0478, 38.9310, 16.7694**, and the grayscale version is **5.6437, 5.9376, 6.4661**.

A 20% lighter version of the original color is **50.0744, 29.9914, 32.4279**, and **10.3387, 5.2529, 3.9590** is the 20% darker color. If you saturate the color by 10%, you get **24.2917, 12.2572, 13.1378**, and if you desaturate by 10%, it is **25.0075, 12.9253, 15.7302**.

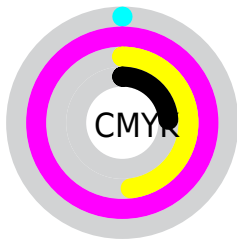
Distribution



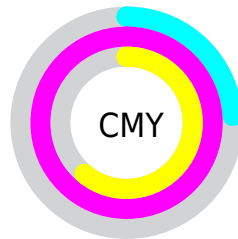
- Red (76%)
- Green (0%)
- Blue (39%)



- Red (76%)
- Yellow (0%)
- Blue (39%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (24%)





- Cyan (24%)
- Magenta (100%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2926, 12.2576, 13.1422 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 24.2926, 12.2576, 13.1422 by changing the saturation by 10% instead.


 24.2926, 12.2576,
13.1422


 24.2926, 12.2576,
13.1422


266.7096,
206.1033, 223.0667


 15.6767, 6.9194,
7.3947


 49.9585, 29.9634,
32.2539


 9.3851, 3.4117,
3.6280


 67.7392, 43.0998,
46.4552


 5.0523, 1.3503,
1.4235

 89.3055, 59.6043,
64.3115

 2.3131, 0.1796,
0.1600

 115.0229, 79.8614,
86.2413

 0.8013, 0.0000,
0.0000

 145.2566,
104.2555, 112.6632

 0.0000, 0.0000,
0.0000

 180.3721,

133.1709, 143.9957

220.7346,
166.9920, 180.6574

■ 24.2926, 12.2576,
13.1422

■ 24.2926, 12.2576,
13.1422

■ 24.2917, 12.2572,
13.1378

■ 25.0075, 12.9253,
15.7302

■ 26.0119, 14.0871,
18.6763

■ 27.3922, 15.9132,
22.0173

■ 29.1930, 18.4904,
25.7753

■ 31.4522, 21.8926,
29.9701

■ 34.2035, 26.1844,
34.6198

■ 37.4770, 31.4241,
39.7411

■ 41.3004, 37.6651,
45.3496

■ 45.6994, 44.9565,
51.4602

Harmonies

Analogous

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



22.2878, 12.2576, 32.2925



24.2926, 12.2576, 13.1422



22.1775, 12.2576, 3.6421

Triad

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



24.2926, 12.2576, 13.1422



7.3962, 12.2576, 0.8612



7.4883, 12.2576, 55.0234

Complementary

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



24.2926, 12.2576, 13.1422



21.0478, 38.9310, 16.7694

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.



5.1277, 12.2576, 32.9376



24.2926, 12.2576, 13.1422



5.0863, 12.2576, 3.7937

Square

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



24.2926, 12.2576, 13.1422



11.5789, 12.2576, 0.1977



4.3931, 12.2576, 13.5528



11.7223, 12.2576, 64.8639

Rectangle

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



24.2926, 12.2576, 13.1422



18.9884, 12.2576, 1.3434



4.3931, 12.2576, 13.5528



6.4984, 12.2576, 48.2553

Sweetspot

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



24.2929, 12.2583, 13.1424



66.8128, 55.7814, 70.7085



13.8508, 6.0290, 50.8857



13.7783, 11.0736, 14.3145



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.



24.2929, 12.2583, 13.1424



43.3816, 21.9028, 22.8706



22.0281, 11.3524, 1.2160



10.2862, 10.1631, 11.5975



16.1975, 8.1688, 8.9521



0.7345, 0.3668, 0.5695

Inverse Universe

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



24.2929, 12.2583, 13.1424



43.3816, 21.9028, 22.8706



27.9938, 41.7094, 53.3467



10.2862, 10.1631, 11.5975



16.1975, 8.1688, 8.9521



0.7345, 0.3668, 0.5695

Previews

White Background



This preview shows how the XYZ color 24.2926, 12.2576, 13.1422 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 24.2926, 12.2576, 13.1422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

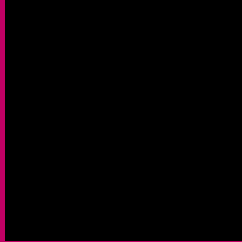
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.2926, 12.2576, 13.1422

Background



This preview shows how black text looks on a background with the XYZ color 24.2926, 12.2576, 13.1422.



This preview shows how white text looks on a background with the XYZ color 24.2926, 12.2576,

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

24.2926, 12.2576, 13.1422

Protanopia

13.3336, 12.9157, 28.1758

Deuteranopia

13.1459, 12.8995, 11.9222



Tritanopia

22.3770, 12.6179, 3.2636

Trichromacy



Original Color

24.2926, 12.2576, 13.1422

Protanomaly

14.1312, 9.4735, 21.5058

Deuteranomaly

15.1159, 10.1111, 11.9814

Tritanomaly

22.7030, 12.1194, 5.7001

Monochromacy



Original Color

24.2926, 12.2576, 13.1422

Achromatopsia

5.6565, 5.9511, 6.4808

Achromatomaly

9.2881, 5.9580, 8.2499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2926, 12.2576, 13.1422 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(193, 0, 100)` looks like.

```
.text, #text, p{  
  color:rgb(193, 0, 100)  
}
```

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(193, 0, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 0, 100) }
```

Border

The CSS property to change the border of an element to XYZ 24.2926, 12.2576, 13.1422 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(193, 0, 100) }
```


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

```
.border{ border-color:rgb(193, 0, 100) }
```

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

Here you see how a box with a 4 pixel rgb(193, 0, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 0, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 0, 100);  
box-shadow:4px 4px 4px 4px rgb(193, 0,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2926, 12.2576, 13.1422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 0, 100) }
```

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

```
.background{ background-color: rgb(193, 0,  
100) }
```

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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