

Converting Colors

XYZ(24.3615, 12.2339, 15.8198)

Have a look what the booklet for
XYZ(24.3615, 12.2339, 15.8198)
contains.

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Color

**XYZ(24.3003, 12.2022,
15.8263)**

Conversions

Conversions Part 1

Format	Color
Hex	BF006E
RGB	191, 0, 110
RGB Percent	75%, 0%, 43%
CMY	0.2510, 0.9999, 0.5686
CMYK	0.00, 1.00, 0.42, 0.25
HSL	325°, 100%, 37%
HSV	325°, 100%, 75%
XYZ	24.3003, 12.2022, 15.8263
YIQ	69.6490, 78.5260, 74.7020

Conversions

Conversions Part 2

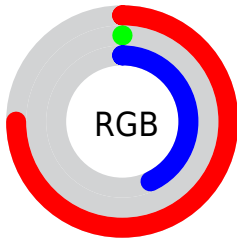
Format	Color
RYB	191, 0, 110
Decimal	12517486
CIELab	41.54, 69.34, -5.96
CIELCh	42, 69.599, 355.090
Yxy	12.2022, 0.4644, 0.2332
Android (android.graphics.Color)	4290707566 (0xFFBF006E)
YUV	69.6490, 19.8930, 106.4248
Hunter-Lab	34.9316, 63.0436, -2.4101

Details

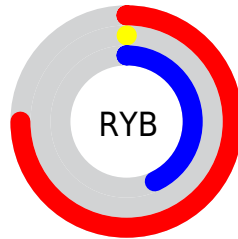
The XYZ color **24.3003, 12.2022, 15.8263** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **20.1178, 37.8563, 14.0384**, and the grayscale version is **5.7257, 6.0239, 6.5600**.

A 20% lighter version of the original color is **49.8264, 29.7657, 36.8374**, and **10.2573, 5.1842, 5.1627** is the 20% darker color. If you saturate the color by 10%, you get **24.2994, 12.2018, 15.8219**, and if you desaturate by 10%, it is **24.9970, 12.8571, 18.3354**.

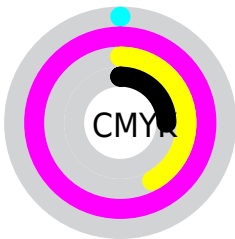
Distribution



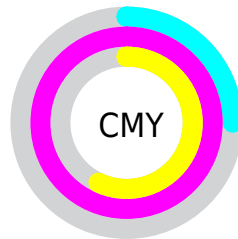
- Red (75%)
- Green (0%)
- Blue (43%)



- Red (75%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3003, 12.2022, 15.8263 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 24.3003, 12.2022, 15.8263 by changing the saturation by 10% instead.

■ 24.3003, 12.2022,
15.8263

■ 24.3003, 12.2022,
15.8263

266.7476,
205.7393, 240.1252

■ 15.6825, 6.8815,
9.2483

■ 49.9709, 29.8628,
37.0590

■ 9.3892, 3.3881,
4.8045

■ 67.7544, 42.9716,
52.5507

■ 5.0550, 1.3376,
2.0763

■ 89.3239, 59.4452,
71.8508

■ 2.3147, 0.1700,
0.6016

■ 115.0446, 79.6680,
95.3778

■ 0.8022, 0.0000,
0.0000

■ 145.2820,
104.0244, 123.5502

■ 0.0000, 0.0000,
0.0000

■ 180.4014,

132.8989, 156.7865

220.7681,
166.6757, 195.5053

■ 24.3003, 12.2022,
15.8263

■ 24.3003, 12.2022,
15.8263

■ 24.2994, 12.2018,
15.8219

■ 24.9970, 12.8571,
18.3354

■ 25.9655, 13.9893,
21.1391

■ 27.2900, 15.7657,
24.2706

■ 29.0134, 18.2708,
27.7488

■ 31.1725, 21.5762,
31.5906

■ 33.7993, 25.7447,
35.8112

■ 36.9228, 30.8331,
40.4245

■ 40.5697, 36.8931,
45.4436

■ 44.7645, 43.9725,
50.8809

Harmonies

Analogous

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



21.5894, 12.2022, 36.5761



24.3003, 12.2022, 15.8263



22.8790, 12.2022, 4.6060

Triad

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



24.3003, 12.2022, 15.8263



7.9305, 12.2022, 0.6000



6.8591, 12.2022, 51.9435

Complementary

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



24.3003, 12.2022, 15.8263



20.1178, 37.8563, 14.0384

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.



4.8118, 12.2022, 29.0221



24.3003, 12.2022, 15.8263



5.2919, 12.2022, 2.8480

Square

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



24.3003, 12.2022, 15.8263



12.4538, 12.2022, 0.1587



4.3359, 12.2022, 11.0334



10.7820, 12.2022, 65.1631

Rectangle

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



24.3003, 12.2022, 15.8263



19.9476, 12.2022, 1.6920



4.3359, 12.2022, 11.0334



5.9798, 12.2022, 44.5621

Sweetspot

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



24.3006, 12.2029, 15.8265



65.8312, 54.7320, 71.9756



12.6793, 5.4507, 49.6738



13.9112, 11.1268, 15.0148



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.



24.3006, 12.2029, 15.8265



43.3964, 21.8039, 27.6833



21.5793, 11.1144, 1.4962



9.7542, 9.6260, 11.0946



16.0103, 8.0353, 10.6136



0.6592, 0.3276, 0.5846

Inverse Universe

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



24.3006, 12.2029, 15.8265



43.3964, 21.8039, 27.6833



26.3775, 40.3602, 47.0018



9.7542, 9.6260, 11.0946



16.0103, 8.0353, 10.6136



0.6592, 0.3276, 0.5846

Previews

White Background



This preview shows how the XYZ color 24.3003, 12.2022, 15.8263 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 24.3003, 12.2022, 15.8263

Background



This preview shows how black text looks on a background with the XYZ color 24.3003, 12.2022, 15.8263.



This preview shows how white text looks on a background with the XYZ color 24.3003, 12.2022,

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

24.3003, 12.2022, 15.8263

Protanopia

13.7753, 13.0120, 34.1333

Deuteranopia

12.9796, 12.7599, 14.3492



Tritanopia

21.8679, 12.5556, 3.7535

Trichromacy



Original Color

24.3003, 12.2022, 15.8263

Protanomaly

14.1930, 9.4000, 26.2656

Deuteranomaly

14.9199, 9.9541, 14.4996

Tritanomaly

22.2285, 11.9515, 6.7655

Monochromacy



Original Color

24.3003, 12.2022, 15.8263

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

9.5175, 6.1101, 9.2721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3003, 12.2022, 15.8263 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(191, 0, 110)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 110)  
}
```

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(191, 0, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 110) }
```

Border

The CSS property to change the border of an element to XYZ 24.3003, 12.2022, 15.8263 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(191, 0, 110) }
```


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

```
.border{ border-color:rgb(191, 0, 110) }
```

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

Here you see how a box with a 4 pixel rgb(191, 0, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 110);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3003, 12.2022, 15.8263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 110) }
```

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

```
.background{ background-color: rgb(191, 0,  
110) }
```

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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