

Converting Colors

XYZ(24.3280, 12.3614, 9.2910)

Have a look what the booklet for
XYZ(24.3280, 12.3614, 9.2910)
contains.

XYZ(24.3263, 12.3603, 9.2873)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.3263, 12.3603,
9.2873)**

Conversions

Conversions Part 1

Format	Color
Hex	C40053
RGB	196, 0, 83
RGB Percent	77%, 0%, 33%
CMY	0.2314, 0.9999, 0.6745
CMYK	0.00, 1.00, 0.58, 0.23
HSL	335°, 100%, 38%
HSV	335°, 100%, 77%
XYZ	24.3263, 12.3603, 9.2873
YIQ	68.0660, 90.1730, 67.3650

Conversions

Conversions Part 2

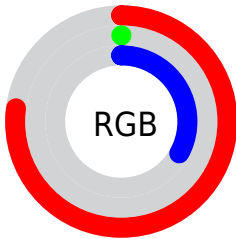
Format	Color
R_{YB}	196, 0, 83
Decimal	12845139
CIE _{Lab}	41.78, 68.39, 11.59
CIE _{LCh}	42, 69.365, 9.616
Yxy	12.3603, 0.5291, 0.2689
Android (android.graphics.Color)	4291035219 (0xFFC40053)
YUV	68.0660, 7.3625, 112.1981
Hunter-Lab	35.1572, 61.9842, 8.9477

Details

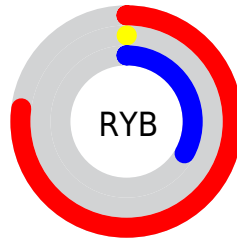
The XYZ color **24.3263, 12.3603, 9.2873** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **22.7230, 40.6730, 22.2865**, and the grayscale version is **5.4867, 5.7724, 6.2861**.

A 20% lighter version of the original color is **48.6534, 29.4229, 24.9447**, and **10.3579, 5.2974, 2.3960** is the 20% darker color. If you saturate the color by 10%, you get **24.3254, 12.3599, 9.2830**, and if you desaturate by 10%, it is **25.0426, 13.0369, 11.8575**.

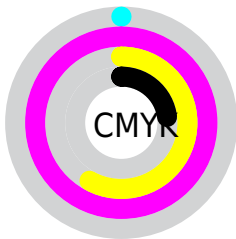
Distribution



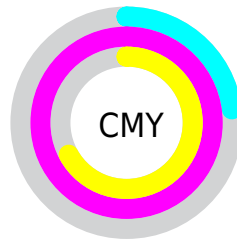
- Red (77%)
- Green (0%)
- Blue (33%)



- Red (77%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (23%)





- Cyan (23%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.3263, 12.3603, 9.2873 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 24.3263, 12.3603, 9.2873 by changing the saturation by 10% instead.


 24.3263, 12.3603,
9.2873


 24.3263, 12.3603,
9.2873


266.8760,
206.7762, 195.8032


 15.7019, 6.9896,
4.8297


 50.0130, 30.1496,
25.0326


 9.4030, 3.4556,
2.0907


 67.8059, 43.3370,
37.1573

 5.0641, 1.3739,
0.6102

 89.3858, 59.8987,
52.6748

 2.3201, 0.1974,
0.0000

 115.1179, 80.2192,
72.0037

 0.8049, 0.0000,
0.0000

 145.3676,
104.6828, 95.5624

 0.0000, 0.0000,
0.0000

 180.5003,

133.6739, 123.7696

220.8813,
167.5769, 157.0436

■ 24.3263, 12.3603,
9.2873

■ 24.3263, 12.3603,
9.2873

■ 24.3254, 12.3599,
9.2830

■ 25.0426, 13.0369,
11.8575

■ 26.0792, 14.2348,
14.9012

■ 27.5258, 16.1291,
18.4633

■ 29.4304, 18.8108,
22.5738

■ 31.8336, 22.3570,
27.2597

■ 34.7713, 26.8355,
32.5456

■ 38.2760, 32.3071,
38.4545

■ 42.3774, 38.8277,
45.0079

■ 47.1032, 46.4488,
52.2264

Harmonies

Analogous

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



23.5600, 12.3603, 25.8158



24.3263, 12.3603, 9.2873



21.0475, 12.3603, 2.3137

Triad

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



24.3263, 12.3603, 9.2873



6.5349, 12.3603, 1.3415



8.6502, 12.3603, 60.7484

Complementary

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



24.3263, 12.3603, 9.2873



22.7230, 40.6730, 22.2865

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.



5.6930, 12.3603, 40.5187



24.3263, 12.3603, 9.2873



4.7402, 12.3603, 5.8496

Square

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



24.3263, 12.3603, 9.2873



10.1835, 12.3603, 0.2552



4.4846, 12.3603, 18.7216



13.4653, 12.3603, 64.5540

Rectangle

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



24.3263, 12.3603, 9.2873



17.4448, 12.3603, 0.8531



4.4846, 12.3603, 18.7216



7.4500, 12.3603, 55.1899

Sweetspot

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



24.3266, 12.3611, 9.2875



69.0038, 57.9976, 69.1118



16.5301, 7.3712, 52.7759



14.1648, 11.4652, 13.7867



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.



24.3266, 12.3611, 9.2875



43.9445, 22.3418, 16.1719



22.9103, 12.0262, 1.1149



10.2462, 10.1471, 11.3869



15.6713, 7.9583, 6.1811



0.7115, 0.3576, 0.4482

Inverse Universe

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



24.3266, 12.3611, 9.2875



43.9445, 22.3418, 16.1719



26.8844, 37.8261, 58.1085



10.2462, 10.1471, 11.3869



15.6713, 7.9583, 6.1811



0.7115, 0.3576, 0.4482

Previews

White Background



This preview shows how the XYZ color 24.3263, 12.3603, 9.2873 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 24.3263, 12.3603, 9.2873 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 24.3263, 12.3603, 9.2873

Background



This preview shows how black text looks on a background with the XYZ color 24.3263, 12.3603, 9.2873.



This preview shows how white text looks on a background with the XYZ color 24.3263, 12.3603,

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

24.3263, 12.3603, 9.2873

Protanopia

12.9381, 13.0362, 19.9235

Deuteranopia

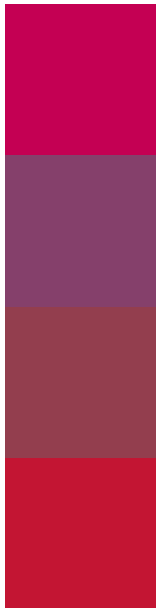
13.1524, 12.9793, 8.4687



Tritanopia

23.0527, 12.6613, 2.5954

Trichromacy



Original Color

24.3263, 12.3603, 9.2873

Protanomaly

14.1601, 9.7149, 15.0388

Deuteranomaly

15.1304, 10.1984, 8.3787

Tritanomaly

23.3714, 12.3774, 4.2892

Monochromacy



Original Color

24.3263, 12.3603, 9.2873

Achromatopsia

5.4944, 5.7805, 6.2950

Achromatomaly

9.1367, 5.8536, 6.9516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3263, 12.3603, 9.2873 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, 83)` looks like.

```
.text, #text, p{  
    color:rgb(196, 0, 83)  
}
```

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, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 0, 83) }
```

Border

The CSS property to change the border of an element to XYZ 24.3263, 12.3603, 9.2873 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, 83) }
```


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

```
.border{ border-color:rgb(196, 0, 83) }
```

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, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 0, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 0, 83);  
box-shadow:4px 4px 4px 4px rgb(196, 0, 83)  
}
```

Background

The CSS property to change the background color of an element to XYZ 24.3263, 12.3603, 9.2873 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, 83) }
```

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

```
.background{ background-color: rgb(196, 0,  
83) }
```

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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