

Converting Colors

XYZ(24.1779, 12.3231, 9.6986)

Have a look what the booklet for
XYZ(24.1779, 12.3231, 9.6986)
contains.

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Color

**XYZ(24.1779, 12.3231,
9.6986)**

Conversions

Conversions Part 1

Format	Color
Hex	C30355
RGB	195, 3, 85
RGB Percent	76%, 1%, 33%
CMY	0.2353, 0.9881, 0.6667
CMYK	0.00, 0.98, 0.56, 0.24
HSL	334°, 97%, 39%
HSV	334°, 98%, 76%
XYZ	24.1779, 12.3231, 9.6986
YIQ	69.7560, 88.1100, 66.2060

Conversions

Conversions Part 2

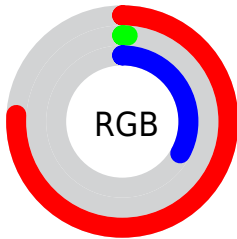
Format	Color
R_{YB}	195, 3, 85
Decimal	12780373
CIE _{Lab}	41.73, 67.99, 10.21
CIE _{LCh}	42, 68.755, 8.537
Yxy	12.3231, 0.5233, 0.2667
Android (android.graphics.Color)	4290970453 (0xFFC30355)
YUV	69.7560, 7.5153, 109.8390
Hunter-Lab	35.1043, 61.5085, 8.1924

Details

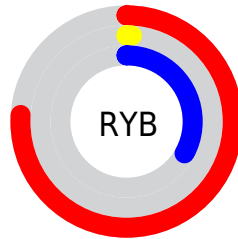
The XYZ color **24.1779, 12.3231, 9.6986** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **22.5357, 40.2427, 22.2135**, and the grayscale version is **5.7621, 6.0622, 6.6017**.

A 20% lighter version of the original color is **48.8709, 29.6368, 25.6990**, and **10.2318, 5.2284, 2.5677** is the 20% darker color. If you saturate the color by 10%, you get **24.0769, 12.2306, 9.3280**, and if you desaturate by 10%, it is **24.9222, 13.0443, 12.3127**.

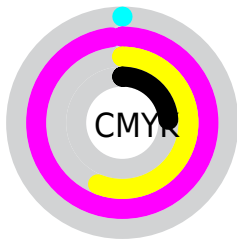
Distribution



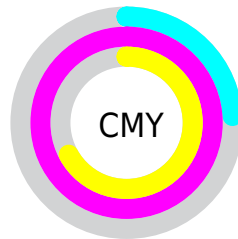
- Red (76%)
- Green (1%)
- Blue (33%)



- Red (76%)
- Yellow (1%)
- Blue (33%)



- Cyan (0%)
- Magenta (98%)
- Yellow (56%)
- Black (24%)





- Cyan (24%)
- Magenta (99%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1779, 12.3231, 9.6986 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 24.1779, 12.3231, 9.6986 by changing the saturation by 10% instead.


 24.1779, 12.3231,
9.6986


 24.1779, 12.3231,
9.6986


266.1425,
206.5327, 198.9132


 15.5911, 6.9641,
5.0966


 49.7729, 30.0822,
25.8259


 9.3243, 3.4397,
2.2443


 67.5118, 43.2511,
38.1883


 5.0121, 1.3654,
0.6998

 89.0322, 59.7922,
53.9746

 2.2892, 0.1910,
0.0000

 114.6993, 80.0897,
73.6033

 0.7891, 0.0000,
0.0000

 144.8785,
104.5281, 97.4930

 0.0000, 0.0000,
0.0000

 179.9352,

133.4918, 126.0622

220.2347,
167.3652, 159.7294

■ 24.1779, 12.3231,
9.6986

■ 24.1779, 12.3231,
9.6986

■ 24.0769, 12.2306,
9.3280

■ 24.9222, 13.0443,
12.3127

■ 26.0070, 14.3295,
15.4013

■ 27.5042, 16.3176,
19.0027

■ 29.4596, 19.0960,
23.1455

■ 31.9125, 22.7390,
27.8558

■ 34.8976, 27.3124,
33.1572

■ 38.4465, 32.8754,
39.0721

■ 42.5883, 39.4824,
45.6213

■ 47.3498, 47.1837,
52.8246

Harmonies

Analogous

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



23.2722, 12.3231, 26.3814



24.1779, 12.3231, 9.6986



21.0677, 12.3231, 2.4797

Triad

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



24.1779, 12.3231, 9.6986



6.6451, 12.3231, 1.3029



8.5070, 12.3231, 59.5017

Complementary

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



24.1779, 12.3231, 9.6986



22.5357, 40.2427, 22.2135

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.



5.6411, 12.3231, 39.2691



24.1779, 12.3231, 9.6986



4.8010, 12.3231, 5.5980

Square

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



24.1779, 12.3231, 9.6986



10.3297, 12.3231, 0.2759



4.4955, 12.3231, 17.9836



13.2141, 12.3231, 63.9831

Rectangle

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



24.1779, 12.3231, 9.6986



17.5468, 12.3231, 0.9294



4.4955, 12.3231, 17.9836



7.3406, 12.3231, 53.8597

Sweetspot

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



24.1782, 12.3238, 9.6988



67.4890, 56.7174, 67.7458



16.5419, 7.4387, 52.1934



14.1730, 11.4684, 13.8295



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.



24.1782, 12.3238, 9.6988



43.0036, 21.8578, 16.0811



22.7050, 11.9744, 1.2018



10.2477, 10.1477, 11.3949



15.6891, 7.9654, 6.2748



0.7123, 0.3579, 0.4525

Inverse Universe

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



24.1782, 12.3238, 9.6988



43.0036, 21.8578, 16.0811



26.6576, 37.4984, 57.4624



10.2477, 10.1477, 11.3949



15.6891, 7.9654, 6.2748



0.7123, 0.3579, 0.4525

Previews

White Background



This preview shows how the XYZ color 24.1779, 12.3231, 9.6986 looks on a white background.

Color Contrast Check

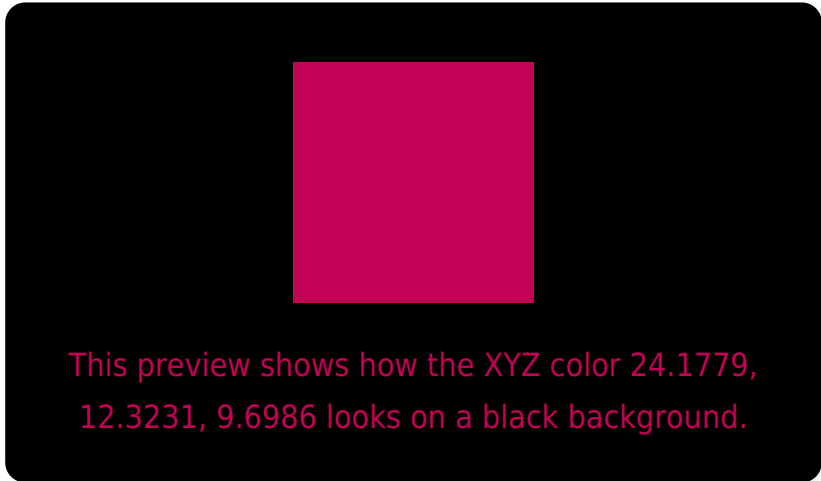
Large Text (above 18pt) WCAG AA ✓ Pass

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

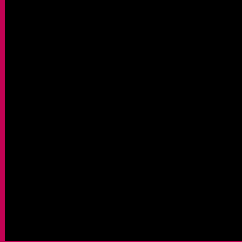
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.1779, 12.3231, 9.6986

Background



This preview shows how black text looks on a background with the XYZ color 24.1779, 12.3231, 9.6986.



This preview shows how white text looks on a background with the XYZ color 24.1779, 12.3231,

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

24.1779, 12.3231, 9.6986

Protanopia

12.8516, 12.9773, 20.5664

Deuteranopia

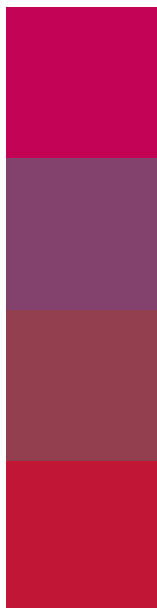
13.0855, 12.9368, 8.8285



Tritanopia

22.8389, 12.5913, 2.6655

Trichromacy



Original Color

24.1779, 12.3231, 9.6986

Protanomaly

14.0107, 9.7100, 15.6038

Deuteranomaly

15.0795, 10.2452, 8.7722

Tritanomaly

23.1744, 12.3301, 4.4073

Monochromacy



Original Color

24.1779, 12.3231, 9.6986

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

9.3172, 6.1068, 7.3443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1779, 12.3231, 9.6986 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(195, 3, 85)` looks like.

```
.text, #text, p{  
    color:rgb(195, 3, 85)  
}
```

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(195, 3, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 3, 85) }
```

Border

The CSS property to change the border of an element to XYZ 24.1779, 12.3231, 9.6986 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(195, 3, 85) }
```


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

```
.border{ border-color:rgb(195, 3, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 3, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 3, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 3, 85);  
box-shadow:4px 4px 4px 4px rgb(195, 3, 85)  
}
```

Background

The CSS property to change the background color of an element to XYZ 24.1779, 12.3231, 9.6986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 3, 85) }
```

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

```
.background{ background-color: rgb(195, 3,  
85) }
```

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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