

Converting Colors

XYZ(24.9191, 12.6276, 11.0458)

Have a look what the booklet for
XYZ(24.9191, 12.6276, 11.0458)
contains.

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Color

**XYZ(24.9143, 12.6256,
11.0214)**

Conversions

Conversions Part 1

Format	Color
Hex	C5005B
RGB	197, 0, 91
RGB Percent	77%, 0%, 36%
CMY	0.2275, 0.9999, 0.6431
CMYK	0.00, 1.00, 0.54, 0.23
HSL	332°, 100%, 39%
HSV	332°, 100%, 77%
XYZ	24.9143, 12.6256, 11.0214
YIQ	69.2770, 88.2010, 70.0650

Conversions

Conversions Part 2

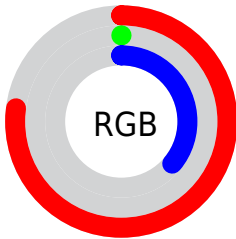
Format	Color
R_{YB}	197, 0, 91
Decimal	12910683
CIE _{Lab}	42.19, 69.16, 7.13
CIE _{LCh}	42, 69.524, 5.882
Yxy	12.6256, 0.5130, 0.2600
Android (android.graphics.Color)	4291100763 (0xFFC5005B)
YUV	69.2770, 10.7094, 112.0131
Hunter-Lab	35.5325, 62.9767, 6.4823

Details

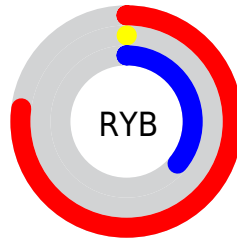
The XYZ color **24.9143, 12.6256, 11.0214** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **22.5699, 40.9739, 20.3639**, and the grayscale version is **5.6778, 5.9735, 6.5051**.

A 20% lighter version of the original color is **49.3755, 29.8387, 28.3564**, and **10.6465, 5.4315, 3.0720** is the 20% darker color. If you saturate the color by 10%, you get **24.9135, 12.6253, 11.0173**, and if you desaturate by 10%, it is **25.6500, 13.3127, 13.6849**.

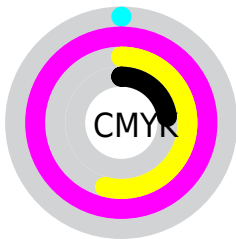
Distribution



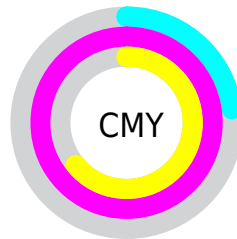
- Red (77%)
- Green (0%)
- Blue (36%)



- Red (77%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (54%)
- Black (23%)





- Cyan (23%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9143, 12.6256, 11.0214 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 24.9143, 12.6256, 11.0214 by changing the saturation by 10% instead.


 24.9143, 12.6256,
11.0214


 24.9143, 12.6256,
11.0214


269.7664,
208.5041, 208.5570


 16.1416, 7.1712,
5.9669


 50.9621, 30.6295,
28.3370


 9.7159, 3.5694,
2.7565


 68.9678, 43.9478,
41.4351


 5.2718, 1.4357,
0.9717

 90.7820, 60.6563,
58.0516

 2.4440, 0.2428,
0.0000

 116.7699, 81.1392,
78.6048

 0.8671, 0.0000,
0.0000

 147.2970,
105.7811, 103.5135

 0.0000, 0.0000,
0.0000

 182.7285,

134.9663, 133.1960

223.4299,
169.0791, 168.0710

■ 24.9143, 12.6256,
11.0214

■ 24.9143, 12.6256,
11.0214

■ 24.9135, 12.6253,
11.0173

■ 25.6500, 13.3127,
13.6849

■ 26.7018, 14.5244,
16.7850

■ 28.1598, 16.4372,
20.3637

■ 30.0718, 19.1430,
24.4482

■ 32.4784, 22.7198,
29.0628

■ 35.4157, 27.2358,
34.2297

■ 38.9158, 32.7526,
39.9697

■ 43.0085, 39.3264,
46.3021

■ 47.7213, 47.0094,
53.2452

Harmonies

Analogous

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



23.6059, 12.6256, 29.0424



24.9143, 12.6256, 11.0214



22.0365, 12.6256, 2.8791

Triad

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



24.9143, 12.6256, 11.0214



7.0504, 12.6256, 1.1597



8.3673, 12.6256, 59.8034

Complementary

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



24.9143, 12.6256, 11.0214



22.5699, 40.9739, 20.3639

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.



5.5952, 12.6256, 38.2208



24.9143, 12.6256, 11.0214



5.0026, 12.6256, 5.0643

Square

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



24.9143, 12.6256, 11.0214



11.0064, 12.6256, 0.2509



4.5596, 12.6256, 16.8888



13.0522, 12.6256, 66.2701

Rectangle

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



24.9143, 12.6256, 11.0214



18.5123, 12.6256, 1.0653



4.5596, 12.6256, 16.8888



7.2284, 12.6256, 53.5737

Sweetspot

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



24.9146, 12.6264, 11.0216



69.3760, 58.1465, 71.0719



15.9138, 7.0402, 53.3434



14.2523, 11.5002, 14.2475



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.



24.9146, 12.6264, 11.0216



44.4963, 22.5625, 19.0774



23.0977, 12.0136, 1.1024



10.8342, 10.7171, 12.1103



16.4280, 8.3208, 7.4638



0.8143, 0.4086, 0.5455

Inverse Universe

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



24.9146, 12.6264, 11.0216



44.4963, 22.5625, 19.0774



28.5861, 41.0468, 59.2394



10.8342, 10.7171, 12.1103



16.4280, 8.3208, 7.4638



0.8143, 0.4086, 0.5455

Previews

White Background



This preview shows how the XYZ color 24.9143, 12.6256, 11.0214 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 24.9143, 12.6256, 11.0214 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 24.9143, 12.6256, 11.0214

Background



This preview shows how black text looks on a background with the XYZ color 24.9143, 12.6256, 11.0214.



This preview shows how white text looks on a background with the XYZ color 24.9143, 12.6256,

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

24.9143, 12.6256, 11.0214

Protanopia

13.4346, 13.3530, 23.6991

Deuteranopia

13.4002, 13.2115, 10.0274



Tritanopia

23.4550, 12.9912, 2.9404

Trichromacy



Original Color

24.9143, 12.6256, 11.0214



Protanomaly

14.4044, 9.7764, 17.9575



Deuteranomaly

15.4350, 10.3202, 9.9826



Tritanomaly

23.7852, 12.6341, 4.9264

Monochromacy



Original Color

24.9143, 12.6256, 11.0214



Achromatopsia

5.6565, 5.9511, 6.4808



Achromatomaly

9.4427, 6.0502, 7.6913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9143, 12.6256, 11.0214 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(197, 0, 91)` looks like.

```
.text, #text, p{  
    color:rgb(197, 0, 91)  
}
```

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(197, 0, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 0, 91) }
```

Border

The CSS property to change the border of an element to XYZ 24.9143, 12.6256, 11.0214 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(197, 0, 91) }
```


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

```
.border{ border-color:rgb(197, 0, 91) }
```

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

Here you see how a box with a 4 pixel rgb(197, 0, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 0, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 0, 91);  
box-shadow:4px 4px 4px 4px rgb(197, 0, 91)  
}
```

Background

The CSS property to change the background color of an element to XYZ 24.9143, 12.6256, 11.0214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 0, 91) }
```

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

```
.background{ background-color: rgb(197, 0,  
91) }
```

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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