

Converting Colors

XYZ(24.7945, 12.5581, 11.2772)

Have a look what the booklet for
XYZ(24.7945, 12.5581, 11.2772)
contains.

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Color

**XYZ(24.6967, 12.5085,
11.2379)**

Conversions

Conversions Part 1

Format	Color
Hex	C4005C
RGB	196, 0, 92
RGB Percent	77%, 0%, 36%
CMY	0.2314, 0.9998, 0.6392
CMYK	0.00, 1.00, 0.53, 0.23
HSL	332°, 100%, 38%
HSV	332°, 100%, 77%
XYZ	24.6967, 12.5085, 11.2379
YIQ	69.0920, 87.2840, 70.1640

Conversions

Conversions Part 2

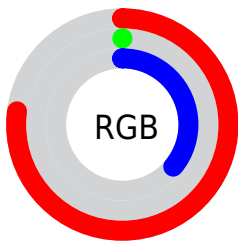
Format	Color
R_{YB}	196, 0, 92
Decimal	12845148
CIE Lab	42.01, 69.00, 6.21
CIE LCh	42, 69.280, 5.141
Yxy	12.5085, 0.5098, 0.2582
Android (android.graphics.Color)	4291035228 (0xFFC4005C)
YUV	69.0920, 11.2936, 111.2983
Hunter-Lab	35.3674, 62.7520, 5.9179

Details

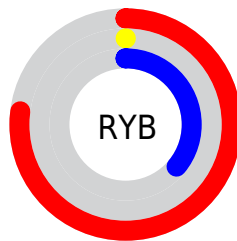
The XYZ color **24.6967, 12.5085, 11.2379** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **22.2410, 40.4802, 19.7482**, and the grayscale version is **5.6472, 5.9413, 6.4701**.

A 20% lighter version of the original color is **49.4503, 29.8686, 28.7501**, and **10.5048, 5.3561, 3.1695** is the 20% darker color. If you saturate the color by 10%, you get **24.6957, 12.5080, 11.2332**, and if you desaturate by 10%, it is **25.4269, 13.1907, 13.8811**.

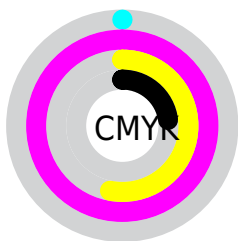
Distribution



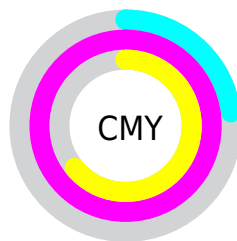
- Red (77%)
- Green (0%)
- Blue (36%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (23%)





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

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6967, 12.5085, 11.2379 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 24.6967, 12.5085, 11.2379 by changing the saturation by 10% instead.


 24.6967, 12.5085,
11.2379


 24.6967, 12.5085,
11.2379


268.6997,
207.7432, 210.0882


 15.9788, 7.0910,
6.1109


 50.6112, 30.4179,
28.7426


 9.5999, 3.5191,
2.8428


 68.5385, 43.6786,
41.9574


 5.1947, 1.4084,
1.0149

 90.2662, 60.3225,
58.7052

 2.3979, 0.2229,
0.0000

 116.1598, 80.7339,
79.4045

 0.8440, 0.0000,
0.0000

 146.5846,
105.2973, 104.4739

 0.0000, 0.0000,
0.0000

 181.9059,

134.3970, 134.3320

222.4892,
168.4176, 169.3972

■ 24.6967, 12.5085,
11.2379

■ 24.6967, 12.5085,
11.2379

■ 24.6957, 12.5080,
11.2332

■ 25.4269, 13.1907,
13.8811

■ 26.4678, 14.3903,
16.9476

■ 27.9086, 16.2823,
20.4785

■ 29.7963, 18.9574,
24.4999

■ 32.1710, 22.4923,
29.0355

■ 35.0679, 26.9545,
34.1066

■ 38.5191, 32.4048,
39.7333

■ 42.5536, 38.8987,
45.9343

■ 47.1987, 46.4876,
52.7272

Harmonies

Analogous

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



23.2980, 12.5085, 29.3175



24.6967, 12.5085, 11.2379



21.9388, 12.5085, 2.9613

Triad

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



24.6967, 12.5085, 11.2379



7.0599, 12.5085, 1.1102



8.1998, 12.5085, 58.8171

Complementary

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



24.6967, 12.5085, 11.2379



22.2410, 40.4802, 19.7482

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.



5.5007, 12.5085, 37.2666



24.6967, 12.5085, 11.2379



4.9879, 12.5085, 4.8503

Square

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



24.6967, 12.5085, 11.2379



11.0253, 12.5085, 0.2401



4.5129, 12.5085, 16.3161



12.7966, 12.5085, 65.7231

Rectangle

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



24.6967, 12.5085, 11.2379



18.4786, 12.5085, 1.0953



4.5129, 12.5085, 16.3161



7.0881, 12.5085, 52.5413

Sweetspot

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



24.6970, 12.5093, 11.2381



69.4489, 58.1756, 71.4553



15.3630, 6.7695, 52.7212



14.2695, 11.5070, 14.3379



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.



24.6970, 12.5093, 11.2381



44.6100, 22.6080, 19.6762



22.8009, 11.8075, 1.0785



10.2655, 10.1548, 11.4887



15.9109, 8.0541, 7.4429



0.7223, 0.3619, 0.5048

Inverse Universe

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



24.6970, 12.5093, 11.2381



44.6100, 22.6080, 19.6762



28.9753, 42.0080, 58.8055



10.2655, 10.1548, 11.4887



15.9109, 8.0541, 7.4429



0.7223, 0.3619, 0.5048

Previews

White Background



This preview shows how the XYZ color 24.6967, 12.5085, 11.2379 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 24.6967, 12.5085, 11.2379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

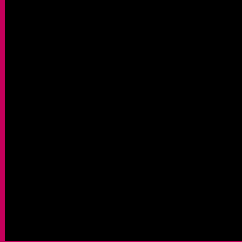
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.6967, 12.5085, 11.2379

Background



This preview shows how black text looks on a background with the XYZ color 24.6967, 12.5085, 11.2379.



This preview shows how white text looks on a background with the XYZ color 24.6967, 12.5085,

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

24.6967, 12.5085, 11.2379

Protanopia

13.3050, 13.1350, 24.0244

Deuteranopia

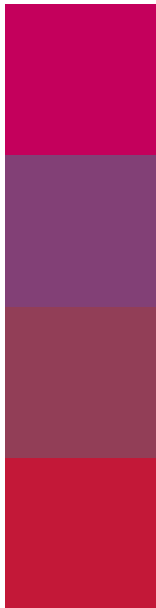
13.4391, 13.2270, 10.2323



Tritanopia

23.2281, 12.9198, 2.9386

Trichromacy



Original Color

24.6967, 12.5085, 11.2379

Protanomaly

14.3093, 9.7206, 18.2616

Deuteranomaly

15.2970, 10.2444, 10.1879

Tritanomaly

23.5461, 12.5409, 4.9210

Monochromacy



Original Color

24.6967, 12.5085, 11.2379

Achromatopsia

5.6565, 5.9511, 6.4808

Achromatomaly

9.3105, 5.9820, 7.6851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6967, 12.5085, 11.2379 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, 92)` looks like.

```
.text, #text, p{  
    color:rgb(196, 0, 92)  
}
```

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, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 0, 92) }
```

Border

The CSS property to change the border of an element to XYZ 24.6967, 12.5085, 11.2379 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, 92) }
```


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

```
.border{ border-color:rgb(196, 0, 92) }
```

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, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 0, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 0, 92);  
box-shadow:4px 4px 4px 4px rgb(196, 0, 92)  
}
```

Background

The CSS property to change the background color of an element to XYZ 24.6967, 12.5085, 11.2379 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, 92) }
```

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

```
.background{ background-color: rgb(196, 0,  
92) }
```

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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