

Converting Colors

XYZ(24.3393, 12.5298, 6.3403)

Have a look what the booklet for
XYZ(24.3393, 12.5298, 6.3403)
contains.

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Color

**XYZ(24.3372, 12.5294,
6.2900)**

Conversions

Conversions Part 1

Format	Color
Hex	C60642
RGB	198, 6, 66
RGB Percent	78%, 2%, 26%
CMY	0.2235, 0.9763, 0.7412
CMYK	0.00, 0.97, 0.67, 0.22
HSL	341°, 94%, 40%
HSV	341°, 97%, 78%
XYZ	24.3372, 12.5294, 6.2900
YIQ	70.2480, 95.1720, 59.3640

Conversions

Conversions Part 2

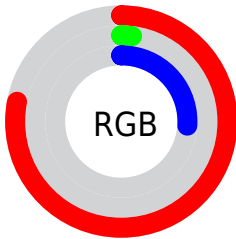
Format	Color
RYB	198, 6, 66
Decimal	12977730
CIELab	42.05, 67.31, 22.76
CIELCh	42, 71.052, 18.686
Yxy	12.5294, 0.5639, 0.2903
Android (android.graphics.Color)	4291167810 (0xFFC60642)
YUV	70.2480, -2.0943, 112.0385
Hunter-Lab	35.3969, 60.7834, 14.2420

Details

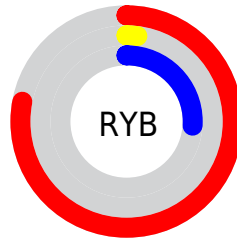
The XYZ color **24.3372, 12.5294, 6.2900** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **24.8599, 42.2630, 30.9073**, and the grayscale version is **5.8588, 6.1639, 6.7125**.

A 20% lighter version of the original color is **47.6855, 29.2913, 19.0601**, and **10.3182, 5.3002, 1.3434** is the 20% darker color. If you saturate the color by 10%, you get **24.1538, 12.3518, 5.6464**, and if you desaturate by 10%, it is **25.0882, 13.3110, 8.7622**.

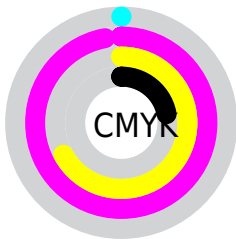
Distribution



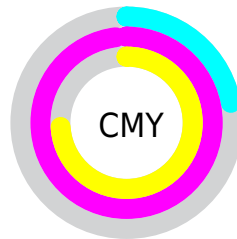
- Red (78%)
- Green (2%)
- Blue (26%)



- Red (78%)
- Yellow (2%)
- Blue (26%)



- Cyan (0%)
- Magenta (97%)
- Yellow (67%)
- Black (22%)





- Cyan (22%)
- Magenta (98%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.3372, 12.5294, 6.2900 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 24.3372, 12.5294, 6.2900 by changing the saturation by 10% instead.


 24.3372, 12.5294,
6.2900


 24.3372, 12.5294,
6.2900


266.9298,
207.8792, 171.0271


 15.7100, 7.1053,
2.9506


 50.0306, 30.4557,
19.0179


 9.4087, 3.5280,
1.0695


 67.8275, 43.7267,
29.2434

 5.0680, 1.4132,
0.0000

 89.4117, 60.3821,
42.6014

 2.3224, 0.2264,
0.0000

 115.1486, 80.8063,
59.5104

 0.8061, 0.0000,
0.0000

 145.4035,
105.3837, 80.3889

 0.0000, 0.0000,
0.0000

 180.5418,

134.4988, 105.6555

220.9287,
168.5358, 135.7287

■ 24.3372, 12.5294,
6.2900

■ 24.3372, 12.5294,
6.2900

■ 24.1538, 12.3518,
5.6464

■ 25.0882, 13.3110,
8.7622

■ 26.2376, 14.7262,
11.8692

■ 27.8500, 16.8954,
15.6609

■ 29.9743, 19.9080,
20.1794

■ 32.6527, 23.8406,
25.4632

■ 35.9230, 28.7611,
31.5476

■ 39.8193, 34.7310,
38.4657

■ 44.3733, 41.8068,
46.2486

■ 49.6143, 50.0409,
54.9257

Harmonies

Analogous

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



24.8850, 12.5294, 20.1737



24.3372, 12.5294, 6.2900



19.9412, 12.5294, 1.3871

Triad

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



24.3372, 12.5294, 6.2900



5.7982, 12.5294, 2.0459



10.0272, 12.5294, 66.5729

Complementary

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



24.3372, 12.5294, 6.2900



24.8599, 42.2630, 30.9073

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.



6.3880, 12.5294, 49.1741



24.3372, 12.5294, 6.2900



4.4734, 12.5294, 8.6990

Square

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



24.3372, 12.5294, 6.2900



8.9450, 12.5294, 0.3625



4.6515, 12.5294, 25.2298



15.4641, 12.5294, 63.8294

Rectangle

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



24.3372, 12.5294, 6.2900



15.9903, 12.5294, 0.4404



4.6515, 12.5294, 25.2298



8.5886, 12.5294, 62.5630

Sweetspot

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



24.3375, 12.5302, 6.2902



68.6910, 58.6949, 64.9291



20.6100, 9.5447, 54.1817



14.0598, 11.5775, 12.7575



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.



24.3375, 12.5302, 6.2902



42.6751, 21.8340, 9.4871



24.1227, 13.6210, 1.5312



10.7681, 10.6906, 11.7619



15.7423, 8.0465, 3.8527



0.7784, 0.3942, 0.3563

Inverse Universe

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



24.3375, 12.5302, 6.2902



42.6751, 21.8340, 9.4871



23.3315, 30.2421, 58.0333



10.7681, 10.6906, 11.7619



15.7423, 8.0465, 3.8527



0.7784, 0.3942, 0.3563

Previews

White Background



This preview shows how the XYZ color 24.3372, 12.5294, 6.2900 looks on a white background.

Color Contrast Check

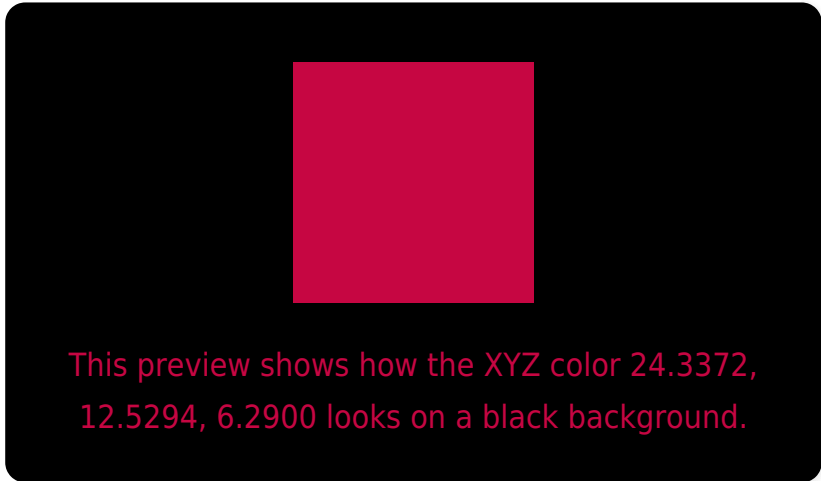
Large Text (above 18pt) WCAG AA ✓ Pass

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

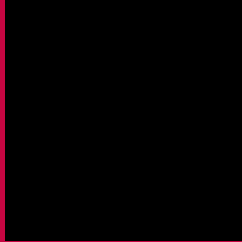
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.3372, 12.5294, 6.2900

Background



This preview shows how black text looks on a background with the XYZ color 24.3372, 12.5294, 6.2900.



This preview shows how white text looks on a background with the XYZ color 24.3372, 12.5294,

6.2900.

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

24.3372, 12.5294, 6.2900

Protanopia

12.5203, 13.1135, 13.1805

Deuteranopia

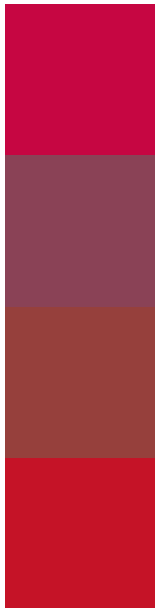
13.1816, 13.0557, 5.6962



Tritanopia

23.5828, 12.7201, 2.0764

Trichromacy



Original Color

24.3372, 12.5294, 6.2900

Protanomaly

14.1092, 9.9716, 9.9852

Deuteranomaly

15.2267, 10.4771, 5.4947

Tritanomaly

23.6250, 12.4825, 3.0836

Monochromacy



Original Color

24.3372, 12.5294, 6.2900

Achromatopsia

5.8214, 6.1246, 6.6697

Achromatomaly

9.4268, 6.2446, 6.3387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3372, 12.5294, 6.2900 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(198, 6, 66)` looks like.

```
.text, #text, p{  
    color:rgb(198, 6, 66)  
}
```

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(198, 6, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 6, 66) }
```

Border

The CSS property to change the border of an element to XYZ 24.3372, 12.5294, 6.2900 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(198, 6, 66) }
```


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

```
.border{ border-color:rgb(198, 6, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 6, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 6, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 6, 66);  
box-shadow:4px 4px 4px 4px rgb(198, 6, 66)  
}
```

Background

The CSS property to change the background color of an element to XYZ 24.3372, 12.5294, 6.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 6, 66) }
```

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

```
.background{ background-color: rgb(198, 6,  
66) }
```

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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