

Converting Colors

XYZ(24.6048, 17.9666, 14.6753)

Have a look what the booklet for
XYZ(24.6048, 17.9666, 14.6753)
contains.

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Color

**XYZ(24.7298, 18.0252,
14.7462)**

Conversions

Conversions Part 1

Format	Color
Hex	B35B66
RGB	179, 91, 102
RGB Percent	70%, 36%, 40%
CMY	0.2980, 0.6431, 0.6000
CMYK	0.00, 0.49, 0.43, 0.30
HSL	353°, 37%, 53%
HSV	353°, 49%, 70%
XYZ	24.7298, 18.0252, 14.7462
YIQ	118.5660, 48.9170, 22.0770

Conversions

Conversions Part 2

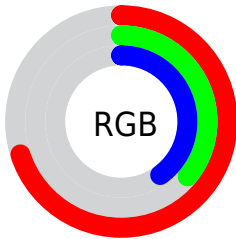
Format	Color
R_{YB}	179, 91, 102
Decimal	11754342
CIE _{Lab}	49.53, 36.76, 10.27
CIE _{LCh}	50, 38.166, 15.609
Yxy	18.0252, 0.4301, 0.3135
Android (android.graphics.Color)	4289944422 (0xFFB35B66)
YUV	118.5660, -8.1670, 53.0006
Hunter-Lab	42.4561, 29.6744, 9.1262

Details

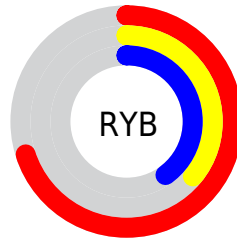
The XYZ color **24.7298, 18.0252, 14.7462** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **27.5033, 37.2920, 42.7965**, and the grayscale version is **17.4123, 18.3190, 19.9494**.

A 20% lighter version of the original color is **50.4973, 39.9494, 35.1865**, and **9.6509, 6.0727, 4.2779** is the 20% darker color. If you saturate the color by 10%, you get **22.6732, 15.0400, 10.5836**, and if you desaturate by 10%, it is **27.2990, 21.8008, 19.8042**.

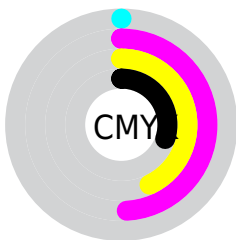
Distribution



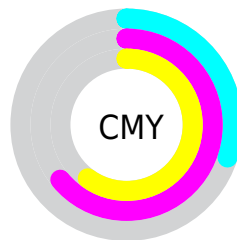
- Red (70%)
- Green (36%)
- Blue (40%)



- Red (70%)
- Yellow (36%)
- Blue (40%)



- Cyan (0%)
- Magenta (49%)
- Yellow (43%)
- Black (30%)





- Cyan (30%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.7298, 18.0252, 14.7462 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 24.7298, 18.0252, 14.7462 by changing the saturation by 10% instead.


 24.7298, 18.0252,
14.7462


 24.7298, 18.0252,
14.7462


268.8622,
241.0130, 233.4125


 16.0035, 10.9681,
8.4968


 50.6646, 40.0803,
35.1433


 9.6175, 6.0454,
4.3222


 68.6038, 55.8470,
50.1281

 5.2064, 2.8727,
1.8037

 90.3447, 75.2857,
68.8618

 2.4049, 1.0656,
0.4304

 116.2527, 98.7808,
91.7629

 0.8475, 0.0000,
0.0000

146.6931,
126.7167, 119.2500

 0.0000, 0.0000,
0.0000

182.0312,

159.4778, 151.7416

222.6325,
197.4484, 189.6562

■ 24.7298, 18.0252,
14.7462

■ 24.7298, 18.0252,
14.7462

■ 22.6732, 15.0400,
10.5836

■ 27.2990, 21.8008,
19.8042

■ 21.0933, 12.7864,
7.2628

■ 30.4110, 26.4147,
25.8048

■ 19.9514, 11.2019,
4.7264


■ 34.0949, 31.9142,
32.7929


■ 19.2022, 10.2121,
2.9088


■ 38.3777, 38.3422,
40.8105


■ 18.7684, 9.6810,
1.7265


■ 43.2845, 45.7389,
49.8968

 18.7388, 9.6431,
1.6514

 48.8389, 54.1421,
60.0894

 55.0634, 63.5876,
71.4236

 61.9793, 74.1094,
83.9334

 69.6071, 85.7400,
97.6515

Harmonies

Analogous

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



24.7786, 18.0252, 24.9967



24.7298, 18.0252, 14.7462



22.4647, 18.0252, 8.5680

Triad

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



24.7298, 18.0252, 14.7462



12.6333, 18.0252, 8.7412



15.4636, 18.0252, 45.8848

Complementary

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



24.7298, 18.0252, 14.7462



27.5033, 37.2920, 42.7965

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.



12.7187, 18.0252, 37.5470



24.7298, 18.0252, 14.7462



11.2472, 18.0252, 15.0862

Square

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



24.7298, 18.0252, 14.7462



15.3308, 18.0252, 6.0263



11.2761, 18.0252, 25.4795



19.0699, 18.0252, 45.6923

Rectangle

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



24.7298, 18.0252, 14.7462



20.1636, 18.0252, 6.5130



11.2761, 18.0252, 25.4795



14.4214, 18.0252, 43.8867

Sweetspot

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



24.7303, 18.0261, 14.7465



63.9287, 61.4519, 64.1161



27.8711, 18.9824, 44.8428



13.8201, 13.0999, 13.5605



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.7303, 18.0261, 14.7465



40.3383, 26.5493, 18.4002



27.5955, 24.5722, 13.1872



8.5381, 8.5220, 9.0663



13.2554, 6.8197, 1.2391



0.4308, 0.2201, 0.1113

Inverse Universe

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



24.7303, 18.0261, 14.7465



40.3383, 26.5493, 18.4002



22.8442, 26.2643, 46.5133



8.5381, 8.5220, 9.0663



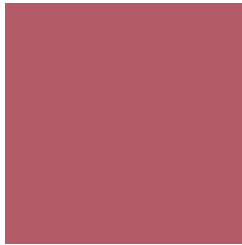
13.2554, 6.8197, 1.2391



0.4308, 0.2201, 0.1113

Previews

White Background



This preview shows how the XYZ color 24.7298, 18.0252, 14.7462 looks on a white background.

Color Contrast Check

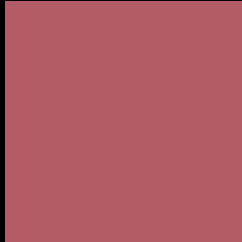
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7298, 18.0252, 14.7462 looks on a black 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

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

XYZ 24.7298, 18.0252, 14.7462

Background



This preview shows how black text looks on a background with the XYZ color 24.7298, 18.0252, 14.7462.



This preview shows how white text looks on a background with the XYZ color 24.7298, 18.0252,

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

24.7298, 18.0252, 14.7462

Protanopia

17.5160, 18.2828, 19.1287

Deuteranopia

18.5384, 18.2348, 14.0979



Tritanopia

24.6222, 18.1198, 13.7550

Trichromacy



Original Color

24.7298, 18.0252, 14.7462

Protanomaly

19.3871, 17.6236, 17.4188

Deuteranomaly

20.3551, 17.8843, 14.1836

Tritanomaly

24.6697, 18.1389, 14.0053

Monochromacy



Original Color

24.7298, 18.0252, 14.7462

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.4338, 17.7923, 18.0328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7298, 18.0252, 14.7462 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(179, 91, 102)` looks like.

```
.text, #text, p{  
    color:rgb(179, 91, 102)  
}
```

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(179, 91, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 91, 102) }
```

Border

The CSS property to change the border of an element to XYZ 24.7298, 18.0252, 14.7462 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(179, 91, 102) }
```


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

```
.border{ border-color:rgb(179, 91, 102) }
```

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

Here you see how a box with a 4 pixel rgb(179, 91, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 91, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 91, 102);  
box-shadow:4px 4px 4px 4px rgb(179, 91,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7298, 18.0252, 14.7462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 91, 102) }
```

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

```
.background{ background-color: rgb(179, 91,  
102) }
```

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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