

Converting Colors

XYZ(24.3299, 16.1139, 13.4782)

Have a look what the booklet for
XYZ(24.3299, 16.1139, 13.4782)
contains.

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Color

**XYZ(24.3175, 16.1180,
13.3847)**

Conversions

Conversions Part 1

Format	Color
Hex	B74C62
RGB	183, 76, 98
RGB Percent	72%, 30%, 38%
CMY	0.2824, 0.7019, 0.6157
CMYK	0.00, 0.58, 0.46, 0.28
HSL	348°, 43%, 51%
HSV	348°, 58%, 72%
XYZ	24.3175, 16.1180, 13.3847
YIQ	110.5010, 56.7100, 29.5260

Conversions

Conversions Part 2

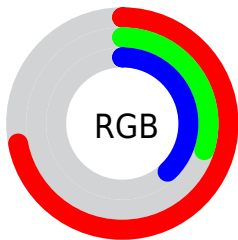
Format	Color
R_{YB}	183, 76, 98
Decimal	12012642
CIE _{Lab}	47.13, 45.31, 9.40
CIE _{LCh}	47, 46.274, 11.719
Yxy	16.1180, 0.4518, 0.2995
Android (android.graphics.Color)	4290202722 (0xFFB74C62)
YUV	110.5010, -6.1630, 63.5816
Hunter-Lab	40.1472, 37.8612, 8.3363

Details

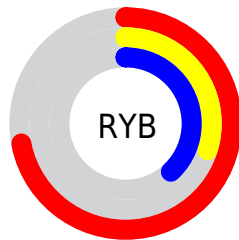
The XYZ color **24.3175, 16.1180, 13.3847** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.3480, 37.9771, 39.6624**, and the grayscale version is **14.9715, 15.7511, 17.1530**.

A 20% lighter version of the original color is **49.8930, 36.7477, 32.8971**, and **9.4742, 5.1839, 3.7501** is the 20% darker color. If you saturate the color by 10%, you get **22.6060, 13.6955, 9.7296**, and if you desaturate by 10%, it is **26.5131, 19.3091, 17.8166**.

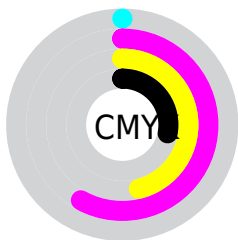
Distribution



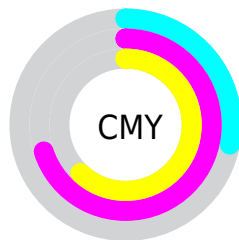
- Red (72%)
- Green (30%)
- Blue (38%)



- Red (72%)
- Yellow (30%)
- Blue (38%)



- Cyan (0%)
- Magenta (58%)
- Yellow (46%)
- Black (28%)





- Cyan (28%)
- Magenta (70%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.3175, 16.1180, 13.3847 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 24.3175, 16.1180, 13.3847 by changing the saturation by 10% instead.


 24.3175, 16.1180,
13.3847


 24.3175, 16.1180,
13.3847


266.8325,
230.0370, 224.6624


 15.6953, 9.6077,
7.5602


 49.9987, 36.8029,
32.6945


 9.3983, 5.1396,
3.7311


 67.7885, 51.7464,
47.0168


 5.0611, 2.3294,
1.4790

 89.3648, 70.2696,
65.0087

 2.3183, 0.7892,
0.2022

 115.0931, 92.7571,
87.0889

 0.8040, 0.0000,
0.0000

 145.3386,
119.5931, 113.6758

 0.0000, 0.0000,
0.0000

180.4668,

151.1622, 145.1880

220.8430,
187.8487, 182.0440

■ 24.3175, 16.1180,
13.3847

■ 24.3175, 16.1180,
13.3847

■ 22.6060, 13.6955,
9.7296

■ 26.5131, 19.3091,
17.8166

■ 21.3392, 11.9739,
6.8044

■ 29.2255, 23.3241,
23.0666

■ 20.4735, 10.8775,
4.5583

■ 32.4857, 28.2161,
29.1739

■ 19.9393, 10.2804,
2.9274

■ 36.3222, 34.0329,
36.1751

■ 19.8721, 10.2048,
2.7240

■ 40.7613, 40.8190,
44.1044

■ 45.8277, 48.6159,
52.9944

■ 51.5447, 57.4627,
62.8759

■ 57.9344, 67.3965,
73.7784

■ 65.0178, 78.4524,
85.7303

Harmonies

Analogous

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



24.0038, 16.1180, 25.5490



24.3175, 16.1180, 13.3847



21.9253, 16.1180, 6.4709

Triad

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



24.3175, 16.1180, 13.3847



10.6849, 16.1180, 5.5833



12.9965, 16.1180, 48.5381

Complementary

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



24.3175, 16.1180, 13.3847



26.3480, 37.9771, 39.6624

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.



10.1951, 16.1180, 37.0574



24.3175, 16.1180, 13.3847



9.0323, 16.1180, 11.4232

Square

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



24.3175, 16.1180, 13.3847



13.7864, 16.1180, 3.4904



8.8704, 16.1180, 22.5000



16.9626, 16.1180, 49.8565

Rectangle

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



24.3175, 16.1180, 13.3847



19.3291, 16.1180, 4.2970



8.8704, 16.1180, 22.5000



11.9070, 16.1180, 45.5626

Sweetspot

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



24.3179, 16.1189, 13.3850



65.1780, 61.1435, 65.0154



25.5929, 16.0435, 46.5475



13.9293, 12.7951, 13.5157



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



24.3179, 16.1189, 13.3850



39.8013, 23.5808, 15.8913



26.0203, 20.9635, 9.5136



9.0781, 9.0416, 9.7588



13.8838, 7.1273, 2.0087



0.5118, 0.2602, 0.1888

Inverse Universe

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



24.3179, 16.1189, 13.3850



39.8013, 23.5808, 15.8913



22.8680, 27.6351, 48.9285



9.0781, 9.0416, 9.7588



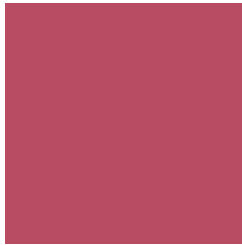
13.8838, 7.1273, 2.0087



0.5118, 0.2602, 0.1888

Previews

White Background



This preview shows how the XYZ color 24.3175, 16.1180, 13.3847 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 24.3175, 16.1180, 13.3847 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 24.3175, 16.1180, 13.3847

Background



This preview shows how black text looks on a background with the XYZ color 24.3175, 16.1180, 13.3847.



This preview shows how white text looks on a background with the XYZ color 24.3175, 16.1180,

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

24.3175, 16.1180, 13.3847

Protanopia

15.8151, 16.3834, 19.1584

Deuteranopia

16.5443, 16.2613, 12.6227



Tritanopia

23.6876, 16.1771, 10.2615

Trichromacy



Original Color

24.3175, 16.1180, 13.3847

Protanomaly

17.7575, 15.4527, 16.7986

Deuteranomaly

18.6429, 15.5815, 12.8514

Tritanomaly

23.8190, 16.1151, 11.3063

Monochromacy



Original Color

24.3175, 16.1180, 13.3847

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.2857, 15.0943, 15.6381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3175, 16.1180, 13.3847 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(183, 76, 98)` looks like.

```
.text, #text, p{  
    color:rgb(183, 76, 98)  
}
```

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(183, 76, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 76, 98) }
```

Border

The CSS property to change the border of an element to XYZ 24.3175, 16.1180, 13.3847 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(183, 76, 98) }
```


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

```
.border{ border-color:rgb(183, 76, 98) }
```

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

Here you see how a box with a 4 pixel rgb(183, 76, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 76, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 76, 98);  
box-shadow:4px 4px 4px 4px rgb(183, 76,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3175, 16.1180, 13.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 76, 98) }
```

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

```
.background{ background-color: rgb(183, 76,  
98) }
```

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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