

Converting Colors

XYZ(24.1740, 16.0061, 12.7954)

Have a look what the booklet for
XYZ(24.1740, 16.0061, 12.7954)
contains.

XYZ(24.2242, 16.0807, 12.8935)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.2242, 16.0807,
12.8935)**

Conversions

Conversions Part 1

Format	Color
Hex	B74C60
RGB	183, 76, 96
RGB Percent	72%, 30%, 38%
CMY	0.2824, 0.7019, 0.6235
CMYK	0.00, 0.58, 0.48, 0.28
HSL	349°, 43%, 51%
HSV	349°, 58%, 72%
XYZ	24.2242, 16.0807, 12.8935
YIQ	110.2730, 57.3520, 28.9040

Conversions

Conversions Part 2

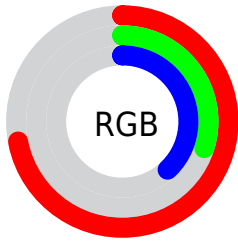
Format	Color
R_{YB}	183, 76, 96
Decimal	12012640
CIE _{Lab}	47.08, 45.11, 10.55
CIE _{LCh}	47, 46.330, 13.158
Yxy	16.0807, 0.4554, 0.3023
Android (android.graphics.Color)	4290202720 (0xFFB74C60)
YUV	110.2730, -7.0366, 63.7816
Hunter-Lab	40.1007, 37.6526, 9.0071

Details

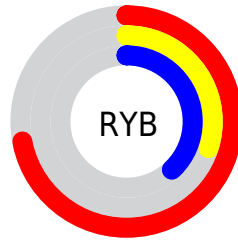
The XYZ color **24.2242, 16.0807, 12.8935** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.5258, 38.0482, 40.5989**, and the grayscale version is **14.9081, 15.6845, 17.0804**.

A 20% lighter version of the original color is **49.6565, 36.6531, 31.6517**, and **9.2833, 5.0906, 3.5109** is the 20% darker color. If you saturate the color by 10%, you get **22.5164, 13.6597, 9.2582**, and if you desaturate by 10%, it is **26.4211, 19.2723, 17.3320**.

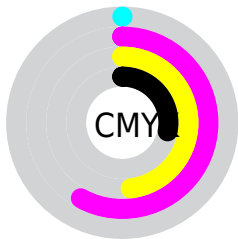
Distribution



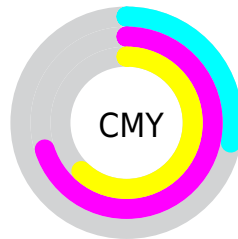
- Red (72%)
- Green (30%)
- Blue (38%)



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



- Cyan (0%)
- Magenta (58%)
- Yellow (48%)
- Black (28%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.2242, 16.0807, 12.8935 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 24.2242, 16.0807, 12.8935 by changing the saturation by 10% instead.


 24.2242, 16.0807,
12.8935


 24.2242, 16.0807,
12.8935


266.3715,
229.8174, 221.4178


 15.6257, 9.5813,
7.2254


 49.8478, 36.7382,
31.8007


 9.3488, 5.1222,
3.5229


 67.6036, 51.6652,
45.8769


 5.0283, 2.3192,
1.3674

 89.1425, 70.1700,
63.5928

 2.2988, 0.7838,
0.1161

 114.8299, 92.6372,
85.3670

 0.7941, 0.0000,
0.0000

 145.0312,
119.4512, 111.6181

 0.0000, 0.0000,
0.0000

180.1116,

150.9963, 142.7646

220.4366,
187.6569, 179.2249

■ 24.2242, 16.0807,
12.8935

■ 24.2242, 16.0807,
12.8935

■ 22.5164, 13.6597,
9.2582

■ 26.4211, 19.2723,
17.3320

■ 21.2578, 11.9413,
6.3760

■ 29.1402, 23.2901,
22.6175

■ 20.4040, 10.8497,
4.1926

■ 32.4132, 28.1871,
28.7919

■ 19.8847, 10.2585,
2.6398

■ 36.2688, 34.0116,
35.8938

■ 19.8200, 10.1839,
2.4494

■ 40.7338, 40.8081,
43.9596

■ 45.8332, 48.6182,
53.0237

■ 51.5908, 57.4812,
63.1188

■ 58.0288, 67.4343,
74.2761

■ 65.1688, 78.5129,
86.5255

Harmonies

Analogous

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



24.0479, 16.0807, 24.8252



24.2242, 16.0807, 12.8935



21.7213, 16.0807, 6.2303

Triad

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



24.2242, 16.0807, 12.8935



10.5387, 16.0807, 5.7334



13.1305, 16.0807, 48.8435

Complementary

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



24.2242, 16.0807, 12.8935



26.5258, 38.0482, 40.5989

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.



10.2639, 16.0807, 37.7073



24.2242, 16.0807, 12.8935



8.9596, 16.0807, 11.7934

Square

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



24.2242, 16.0807, 12.8935



13.5738, 16.0807, 3.5090



8.8688, 16.0807, 23.1127



17.1326, 16.0807, 49.5849

Rectangle

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



24.2242, 16.0807, 12.8935



19.0904, 16.0807, 4.1712



8.8688, 16.0807, 23.1127



12.0209, 16.0807, 46.0239

Sweetspot

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



24.2246, 16.0816, 12.8938



65.0830, 61.1055, 64.5150



25.9515, 16.2283, 46.5642



13.9059, 12.7857, 13.3921



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.



24.2246, 16.0816, 12.8938



39.6442, 23.5179, 15.0638



26.2067, 21.3363, 9.5757



9.0713, 9.0389, 9.7231



13.8460, 7.1122, 1.8098



0.5090, 0.2591, 0.1737

Inverse Universe

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



24.2246, 16.0816, 12.8938



39.6442, 23.5179, 15.0638



22.5790, 27.0573, 48.8321



9.0713, 9.0389, 9.7231



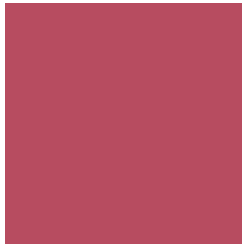
13.8460, 7.1122, 1.8098



0.5090, 0.2591, 0.1737

Previews

White Background



This preview shows how the XYZ color 24.2242, 16.0807, 12.8935 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 24.2242, 16.0807, 12.8935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

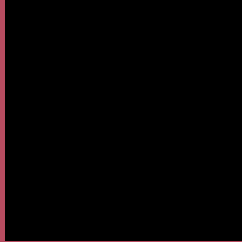
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.2242, 16.0807, 12.8935

Background



This preview shows how black text looks on a background with the XYZ color 24.2242, 16.0807, 12.8935.



This preview shows how white text looks on a background with the XYZ color 24.2242, 16.0807,

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

24.2242, 16.0807, 12.8935

Protanopia

15.6987, 16.3369, 18.5456

Deuteranopia

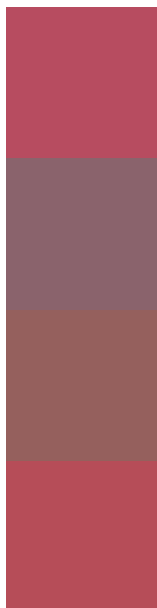
16.4568, 16.2263, 12.1621



Tritanopia

23.5771, 16.0184, 10.0328

Trichromacy



Original Color

24.2242, 16.0807, 12.8935

Protanomaly

17.6498, 15.4097, 16.2315

Deuteranomaly

18.5531, 15.5456, 12.3787

Tritanomaly

23.7067, 15.9574, 11.0631

Monochromacy



Original Color

24.2242, 16.0807, 12.8935

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

17.2340, 15.0737, 15.3658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2242, 16.0807, 12.8935 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, 96)` looks like.

```
.text, #text, p{  
  color:rgb(183, 76, 96)  
}
```

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, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 76, 96) }
```

Border

The CSS property to change the border of an element to XYZ 24.2242, 16.0807, 12.8935 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, 96) }
```


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

```
.border{ border-color:rgb(183, 76, 96) }
```

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, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 76, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 76, 96);  
box-shadow:4px 4px 4px 4px rgb(183, 76,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2242, 16.0807, 12.8935 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, 96) }
```

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

```
.background{ background-color: rgb(183, 76,  
96) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor