

Converting Colors

XYZ(24.4924, 15.4717, 11.8207)

Have a look what the booklet for
XYZ(24.4924, 15.4717, 11.8207)
contains.

XYZ(24.4924, 15.4717, 11.8207)	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(24.4924, 15.4717,
11.8207)**

Conversions

Conversions Part 1

Format	Color
Hex	BB445C
RGB	187, 68, 92
RGB Percent	73%, 27%, 36%
CMY	0.2667, 0.7333, 0.6392
CMYK	0.00, 0.64, 0.51, 0.27
HSL	348°, 47%, 50%
HSV	348°, 64%, 73%
XYZ	24.4924, 15.4717, 11.8207
YIQ	106.3170, 63.2200, 32.6920

Conversions

Conversions Part 2

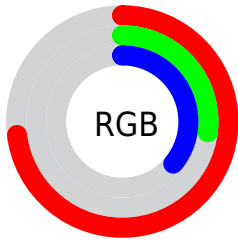
Format	Color
RYB	187, 68, 92
Decimal	12272732
CIELab	46.27, 49.76, 11.96
CIElCh	46, 51.172, 13.515
Yxy	15.4717, 0.4730, 0.2988
Android (android.graphics.Color)	4290462812 (0xFFBB445C)
YUV	106.3170, -7.0583, 70.7590
Hunter-Lab	39.3341, 42.3131, 9.7160

Details

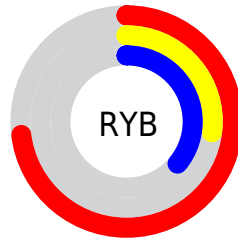
The XYZ color **24.4924, 15.4717, 11.8207** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **26.7660, 39.4143, 40.8501**, and the grayscale version is **13.7938, 14.5122, 15.8038**.

A 20% lighter version of the original color is **50.1998, 35.6462, 29.8258**, and **9.5664, 4.8724, 3.1256** is the 20% darker color. If you saturate the color by 10%, you get **22.9467, 13.3240, 8.3968**, and if you desaturate by 10%, it is **26.5281, 18.3938, 16.0428**.

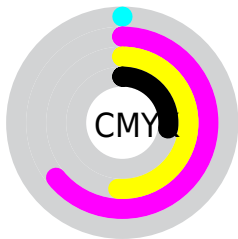
Distribution



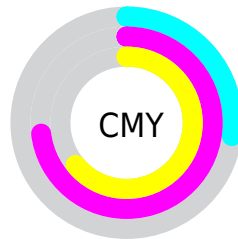
- Red (73%)
- Green (27%)
- Blue (36%)



- Red (73%)
- Yellow (27%)
- Blue (36%)



- Cyan (0%)
- Magenta (64%)
- Yellow (51%)
- Black (27%)





- Cyan (27%)
- Magenta (73%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.4924, 15.4717, 11.8207 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 24.4924, 15.4717, 11.8207 by changing the saturation by 10% instead.


 24.4924, 15.4717,
11.8207

 24.4924, 15.4717,
11.8207


267.6950,
226.2038, 214.1503


 15.8260, 9.1511,
6.5007


 50.2814, 35.6786,
29.8276


 9.4912, 4.8399,
3.0782


 68.1347, 50.3337,
43.3516


 5.1226, 2.1536,
1.1347

 89.7810, 68.5357,
60.4472

 2.3549, 0.6945,
0.0000

 115.5857, 90.6690,
81.5332

 0.8225, 0.0000,
0.0000

 145.9140,
117.1181, 107.0279

 0.0000, 0.0000,
0.0000

181.1315,

148.2674, 137.3500

221.6034,
184.5011, 172.9179

■ 24.4924, 15.4717,
11.8207

■ 24.4924, 15.4717,
11.8207

■ 22.9467, 13.3240,
8.3968

■ 26.5281, 18.3938,
16.0428

■ 21.8467, 11.8737,
5.7183

■ 29.0907, 22.1526,
21.1093

■ 21.1412, 11.0324,
3.7271

■ 32.2147, 26.8069,
27.0638

■ 20.8386, 10.7028,
2.7766

■ 35.9313, 32.4095,
33.9466

■ 40.2695, 39.0089,
41.7955

■ 45.2562, 46.6507,
50.6460

■ 50.9169, 55.3772,
60.5321

■ 57.2755, 65.2288,
71.4860

■ 64.3548, 76.2434,
83.5384

Harmonies

Analogous

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



24.3342, 15.4717, 24.6472



24.4924, 15.4717, 11.8207



21.6867, 15.4717, 5.1084

Triad

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



24.4924, 15.4717, 11.8207



9.6413, 15.4717, 4.7202



12.4456, 15.4717, 52.1063

Complementary

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



24.4924, 15.4717, 11.8207



26.7660, 39.4143, 40.8501

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.



9.4106, 15.4717, 39.4688



24.4924, 15.4717, 11.8207



8.0251, 15.4717, 10.8938

Square

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



24.4924, 15.4717, 11.8207



12.8262, 15.4717, 2.6027



7.9500, 15.4717, 23.1254



16.7598, 15.4717, 52.7953

Rectangle

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



24.4924, 15.4717, 11.8207



18.7841, 15.4717, 3.1761



7.9500, 15.4717, 23.1254



11.2645, 15.4717, 48.9095

Sweetspot

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



24.4928, 15.4726, 11.8210



67.5743, 62.9340, 66.6627



25.7791, 15.3226, 48.6124



14.4042, 13.1351, 13.8136



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



24.4928, 15.4726, 11.8210



40.3015, 22.7928, 13.1649



26.2611, 20.4303, 8.0293



9.6067, 9.5670, 10.3181



14.3793, 7.3829, 2.0251



0.5869, 0.2987, 0.2039

Inverse Universe

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



24.4928, 15.4726, 11.8210



40.3015, 22.7928, 13.1649



22.7919, 27.6929, 51.1576



9.6067, 9.5670, 10.3181



14.3793, 7.3829, 2.0251



0.5869, 0.2987, 0.2039

Previews

White Background



This preview shows how the XYZ color 24.4924, 15.4717, 11.8207 looks on a white background.

Color Contrast Check

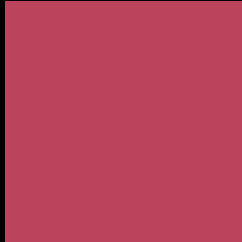
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4924, 15.4717, 11.8207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

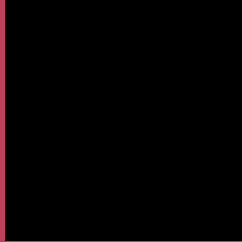
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.4924, 15.4717, 11.8207

Background



This preview shows how black text looks on a background with the XYZ color 24.4924, 15.4717, 11.8207.



This preview shows how white text looks on a background with the XYZ color 24.4924, 15.4717,

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

24.4924, 15.4717, 11.8207

Protanopia

15.1687, 15.7463, 18.1594

Deuteranopia

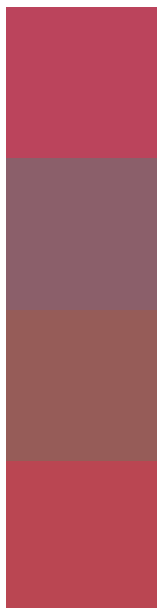
15.8870, 15.6471, 10.9870



Tritanopia

23.8074, 15.4674, 8.5682

Trichromacy



Original Color

24.4924, 15.4717, 11.8207

Protanomaly

17.3412, 14.7140, 15.5618

Deuteranomaly

18.1663, 14.8429, 11.1400

Tritanomaly

23.9628, 15.4286, 9.6977

Monochromacy



Original Color

24.4924, 15.4717, 11.8207

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

16.1678, 13.7448, 14.1128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4924, 15.4717, 11.8207 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(187, 68, 92)` looks like.

```
.text, #text, p{  
    color:rgb(187, 68, 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(187, 68, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 68, 92) }
```

Border

The CSS property to change the border of an element to XYZ 24.4924, 15.4717, 11.8207 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(187, 68, 92) }
```


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

```
.border{ border-color:rgb(187, 68, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 68, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 68, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 68, 92);  
box-shadow:4px 4px 4px 4px rgb(187, 68,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4924, 15.4717, 11.8207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 68, 92) }
```

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

```
.background{ background-color: rgb(187, 68,  
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](#).

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