

Converting Colors

XYZ(25.0569, 15.9852, 12.3705)

Have a look what the booklet for
XYZ(25.0569, 15.9852, 12.3705)
contains.

XYZ(25.0127, 16.0060, 12.3608)	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(25.0127, 16.0060,
12.3608)**

Conversions

Conversions Part 1

Format	Color
Hex	BC475E
RGB	188, 71, 94
RGB Percent	74%, 28%, 37%
CMY	0.2627, 0.7215, 0.6314
CMYK	0.00, 0.62, 0.50, 0.26
HSL	348°, 47%, 51%
HSV	348°, 62%, 74%
XYZ	25.0127, 16.0060, 12.3608
YIQ	108.6050, 62.3490, 31.9570

Conversions

Conversions Part 2

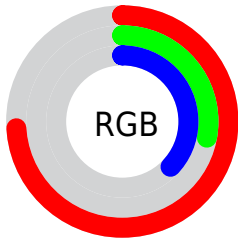
Format	Color
RYB	188, 71, 94
Decimal	12339038
CIELab	46.98, 48.94, 11.75
CIELCh	47, 50.328, 13.501
Yxy	16.0060, 0.4686, 0.2999
Android (android.graphics.Color)	4290529118 (0xFFBC475E)
YUV	108.6050, -7.2003, 69.6294
Hunter-Lab	40.0075, 41.5851, 9.6869

Details

The XYZ color **25.0127, 16.0060, 12.3608** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **27.3744, 40.0231, 41.8828**, and the grayscale version is **14.4321, 15.1837, 16.5350**.

A 20% lighter version of the original color is **51.0791, 36.6373, 30.7651**, and **9.8154, 5.1112, 3.2655** is the 20% darker color. If you saturate the color by 10%, you get **23.3838, 13.7288, 8.7946**, and if you desaturate by 10%, it is **27.1449, 19.0776, 16.7494**.

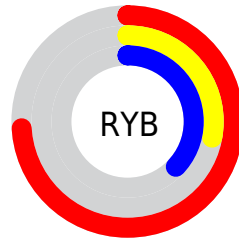
Distribution



Red (74%)

Green (28%)

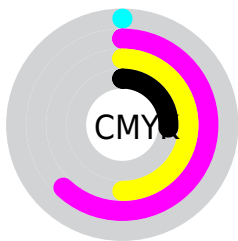
Blue (37%)



Red (74%)

Yellow (28%)

Blue (37%)

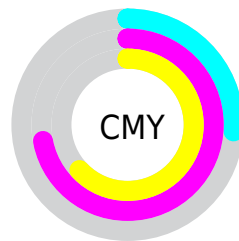


Cyan (0%)

Magenta (62%)

Yellow (50%)

Black (26%)



Cyan (26%)

Magenta (72%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0127, 16.0060, 12.3608 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 25.0127, 16.0060, 12.3608 by changing the saturation by 10% instead.


 25.0127, 16.0060,
12.3608


 25.0127, 16.0060,
12.3608


270.2477,
229.3771, 217.8415


 16.2153, 9.5284,
6.8644


 51.1206, 36.6086,
30.8247


 9.7684, 5.0874,
3.3003


 69.1617, 51.5024,
44.6293


 5.3068, 2.2986,
1.2499

 91.0149, 69.9704,
62.0403

 2.4650, 0.7730,
0.0202

 117.0454, 92.3970,
83.4764

 0.8776, 0.0000,
0.0000

 147.6185,
119.1666, 109.3560

 0.0000, 0.0000,
0.0000

183.0997,

150.6635, 140.0977

223.8543,
187.2722, 176.1200

■ 25.0127, 16.0060,
12.3608

■ 25.0127, 16.0060,
12.3608

■ 23.3838, 13.7288,
8.7946

■ 27.1449, 19.0776,
16.7494

■ 22.2137, 12.1696,
5.9974

■ 29.8173, 23.0055,
22.0077

■ 21.4521, 11.2411,
3.9101

■ 33.0644, 27.8487,
28.1799

■ 21.0722, 10.8246,
2.7248

■ 36.9177, 33.6601,
35.3072

■ 41.4063, 40.4885,
43.4282

■ 46.5575, 48.3794,
52.5793

■ 52.3967, 57.3756,
62.7950

■ 58.9484, 67.5175,
74.1083

■ 66.2354, 78.8436,
86.5507

Harmonies

Analogous

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



24.8534, 16.0060, 25.2554



25.0127, 16.0060, 12.3608



22.2129, 16.0060, 5.5032

Triad

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



25.0127, 16.0060, 12.3608



10.1006, 16.0060, 5.0978



12.9345, 16.0060, 52.5162

Complementary

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



25.0127, 16.0060, 12.3608



27.3744, 40.0231, 41.8828

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.



9.8642, 16.0060, 39.9956



25.0127, 16.0060, 12.3608



8.4572, 16.0060, 11.4119

Square

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



25.0127, 16.0060, 12.3608



13.3222, 16.0060, 2.8891



8.3799, 16.0060, 23.7190



17.2752, 16.0060, 53.2039

Rectangle

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



25.0127, 16.0060, 12.3608



19.3094, 16.0060, 3.4931



8.3799, 16.0060, 23.7190



11.7417, 16.0060, 49.3523

Sweetspot

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



25.0131, 16.0069, 12.3611



69.1615, 64.4225, 68.0967



26.7650, 16.0948, 49.2729



14.3973, 13.1323, 13.7770



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.



25.0131, 16.0069, 12.3611



41.4368, 23.6038, 13.7509



27.0414, 21.4761, 8.6824



9.6048, 9.5662, 10.3077



14.3685, 7.3786, 1.9682



0.5860, 0.2983, 0.1994

Inverse Universe

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



25.0131, 16.0069, 12.3611



41.4368, 23.6038, 13.7509



23.0513, 27.7211, 51.7127



9.6048, 9.5662, 10.3077



14.3685, 7.3786, 1.9682



0.5860, 0.2983, 0.1994

Previews

White Background



This preview shows how the XYZ color 25.0127, 16.0060, 12.3608 looks on a white background.

Color Contrast Check

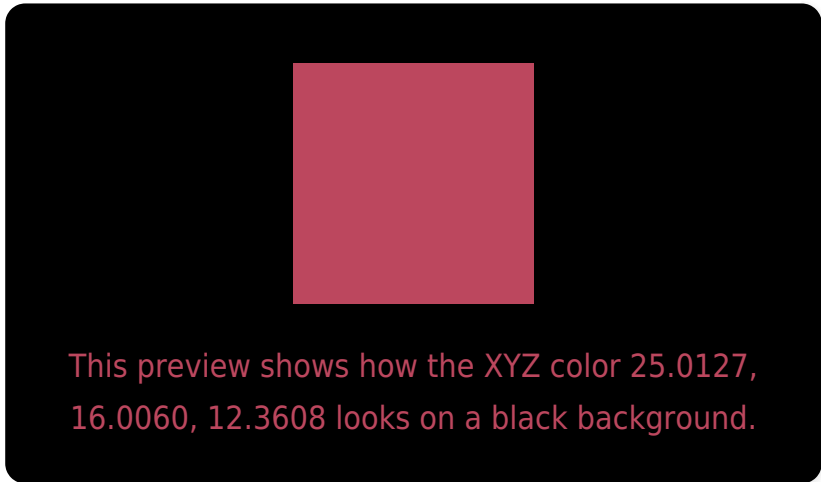
Large Text (above 18pt) WCAG AA ✓ Pass

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

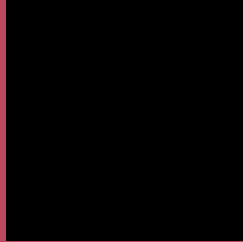
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.0127, 16.0060, 12.3608

Background



This preview shows how black text looks on a background with the XYZ color 25.0127, 16.0060, 12.3608.



This preview shows how white text looks on a background with the XYZ color 25.0127, 16.0060,

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

25.0127, 16.0060, 12.3608

Protanopia

15.5890, 16.1174, 18.5090

Deuteranopia

16.4841, 16.2550, 11.5012



Tritanopia

24.3536, 16.0269, 9.2071

Trichromacy



Original Color

25.0127, 16.0060, 12.3608

Protanomaly

17.6519, 15.0027, 15.8754

Deuteranomaly

18.8866, 15.5980, 11.6881

Tritanomaly

24.4763, 15.9700, 10.1800

Monochromacy



Original Color

25.0127, 16.0060, 12.3608

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

17.0721, 14.5872, 15.0125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0127, 16.0060, 12.3608 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(188, 71, 94)` looks like.

```
.text, #text, p{  
    color:rgb(188, 71, 94)  
}
```

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(188, 71, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 71, 94) }
```

Border

The CSS property to change the border of an element to XYZ 25.0127, 16.0060, 12.3608 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(188, 71, 94) }
```


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

```
.border{ border-color:rgb(188, 71, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 71, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 71, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 71, 94);  
box-shadow:4px 4px 4px 4px rgb(188, 71,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0127, 16.0060, 12.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 71, 94) }
```

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

```
.background{ background-color: rgb(188, 71,  
94) }
```

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