

Converting Colors

XYZ(25.6898, 16.1128, 14.2256)

Have a look what the booklet for
XYZ(25.6898, 16.1128, 14.2256)
contains.

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Color

**XYZ(25.7616, 16.1627,
14.3323)**

Conversions

Conversions Part 1

Format	Color
Hex	BE4566
RGB	190, 69, 102
RGB Percent	75%, 27%, 40%
CMY	0.2549, 0.7294, 0.6000
CMYK	0.00, 0.64, 0.46, 0.25
HSL	344°, 48%, 51%
HSV	344°, 64%, 75%
XYZ	25.7616, 16.1627, 14.3323
YIQ	108.9410, 61.5230, 35.9150

Conversions

Conversions Part 2

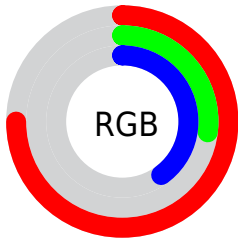
Format	Color
R_{YB}	190, 69, 102
Decimal	12469606
CIE _{Lab}	47.19, 51.22, 7.21
CIE _{LCh}	47, 51.725, 8.008
Yxy	16.1627, 0.4579, 0.2873
Android (android.graphics.Color)	4290659686 (0xFFBE4566)
YUV	108.9410, -3.4219, 71.0887
Hunter-Lab	40.2029, 44.0260, 7.0051

Details

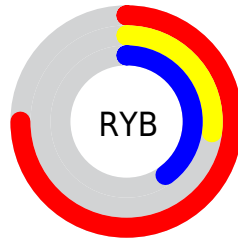
The XYZ color **25.7616, 16.1627, 14.3323** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **26.9545, 40.5268, 38.3030**, and the grayscale version is **14.5170, 15.2730, 16.6323**.

A 20% lighter version of the original color is **52.2571, 36.7898, 34.4839**, and **10.2295, 5.1911, 4.2042** is the 20% darker color. If you saturate the color by 10%, you get **24.1451, 13.9365, 10.6894**, and if you desaturate by 10%, it is **27.8674, 19.1845, 18.7022**.

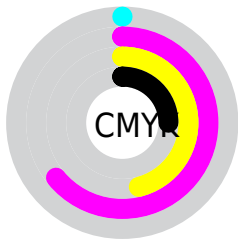
Distribution



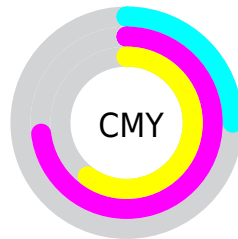
- Red (75%)
- Green (27%)
- Blue (40%)



- Red (75%)
- Yellow (27%)
- Blue (40%)



- Cyan (0%)
- Magenta (64%)
- Yellow (46%)
- Black (25%)





- Cyan (25%)
- Magenta (73%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7616, 16.1627, 14.3323 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 25.7616, 16.1627, 14.3323 by changing the saturation by 10% instead.


 25.7616, 16.1627,
14.3323


 25.7616, 16.1627,
14.3323


273.8880,
230.2999, 230.7883


 16.7771, 9.6394,
8.2108


 52.3241, 36.8804,
34.4031


 10.1700, 5.1605,
4.1404


 70.6329, 51.8436,
49.1894


 5.5750, 2.3417,
1.7027

 92.7805, 70.3888,
67.7010

 2.6266, 0.7957,
0.3626

 119.1323, 92.9006,
90.3566

 0.9595, 0.0000,
0.0000

 150.0535,
119.7631, 117.5745

 0.0000, 0.0000,
0.0000

185.9097,

151.3609, 149.7734

227.0661,
188.0784, 187.3718

■ 25.7616, 16.1627,
14.3323

■ 25.7616, 16.1627,
14.3323

■ 24.1451, 13.9365,
10.6894

■ 27.8674, 19.1845,
18.7022

■ 22.9736, 12.4268,
7.7306

■ 30.4986, 23.0660,
23.8368

■ 22.1968, 11.5423,
5.4087

■ 33.6896, 27.8677,
29.7719

■ 21.8507, 11.1934,
4.2354

■ 37.4711, 33.6439,
36.5410

■ 41.8716, 40.4445,
44.1753

■ 46.9180, 48.3162,
52.7044

■ 52.6352, 57.3026,
62.1567

■ 59.0469, 67.4451,
72.5590

■ 66.1757, 78.7828,
83.9372

Harmonies

Analogous

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



24.9909, 16.1627, 28.7534



25.7616, 16.1627, 14.3323



23.3420, 16.1627, 6.2360

Triad

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



25.7616, 16.1627, 14.3323



10.5783, 16.1627, 4.3151



12.3121, 16.1627, 52.5753

Complementary

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



25.7616, 16.1627, 14.3323



26.9545, 40.5268, 38.3030

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.



9.4463, 16.1627, 37.9863



25.7616, 16.1627, 14.3323



8.5917, 16.1627, 9.7815

Square

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



25.7616, 16.1627, 14.3323



14.1748, 16.1627, 2.6176



8.2227, 16.1627, 21.3265



16.6140, 16.1627, 55.9203

Rectangle

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



25.7616, 16.1627, 14.3323



20.4816, 16.1627, 3.7505



8.2227, 16.1627, 21.3265



11.1759, 16.1627, 48.5680

Sweetspot

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



25.7620, 16.1636, 14.3326



71.2493, 66.1230, 72.0710



25.0787, 15.0147, 50.2914



15.1535, 13.7611, 14.9670



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



25.7620, 16.1636, 14.3326



42.9127, 24.1428, 17.3293



26.4218, 19.6014, 8.0223



9.6342, 9.5780, 10.4626



14.5583, 7.4545, 2.9678



0.5988, 0.3034, 0.2666

Inverse Universe

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



25.7620, 16.1636, 14.3326



42.9127, 24.1428, 17.3293



24.9860, 31.4571, 53.4700



9.6342, 9.5780, 10.4626



14.5583, 7.4545, 2.9678



0.5988, 0.3034, 0.2666

Previews

White Background



This preview shows how the XYZ color 25.7616, 16.1627, 14.3323 looks on a white background.

Color Contrast Check

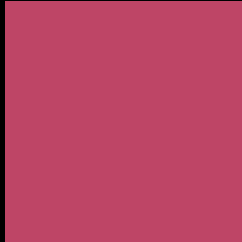
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7616, 16.1627, 14.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

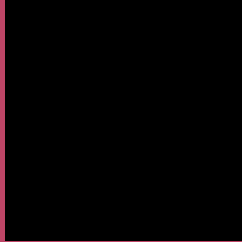
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.7616, 16.1627, 14.3323

Background



This preview shows how black text looks on a background with the XYZ color 25.7616, 16.1627, 14.3323.



This preview shows how white text looks on a background with the XYZ color 25.7616, 16.1627,

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

25.7616, 16.1627, 14.3323

Protanopia

16.1156, 16.4742, 22.0691

Deuteranopia

16.5271, 16.2368, 13.3293



Tritanopia

24.5630, 16.1390, 9.0283

Trichromacy



Original Color

25.7616, 16.1627, 14.3323

Protanomaly

18.2090, 15.2255, 18.8087

Deuteranomaly

18.9698, 15.4666, 13.5408

Tritanomaly

25.0239, 16.1417, 10.8136

Monochromacy



Original Color

25.7616, 16.1627, 14.3323

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

17.0855, 14.4493, 15.5242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7616, 16.1627, 14.3323 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(190, 69, 102)` looks like.

```
.text, #text, p{  
    color:rgb(190, 69, 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(190, 69, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 69, 102) }
```

Border

The CSS property to change the border of an element to XYZ 25.7616, 16.1627, 14.3323 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(190, 69, 102) }
```


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

```
.border{ border-color:rgb(190, 69, 102) }
```

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

Here you see how a box with a 4 pixel rgb(190, 69, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 69, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 69, 102);  
box-shadow:4px 4px 4px 4px rgb(190, 69,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7616, 16.1627, 14.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 69, 102) }
```

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

```
.background{ background-color: rgb(190, 69,  
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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