

Converting Colors

XYZ(25.9901, 15.9121, 15.0651)

Have a look what the booklet for
XYZ(25.9901, 15.9121, 15.0651)
contains.

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Color

**XYZ(25.9260, 15.8769,
15.0627)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4169
RGB	191, 65, 105
RGB Percent	75%, 25%, 41%
CMY	0.2510, 0.7451, 0.5882
CMYK	0.00, 0.66, 0.45, 0.25
HSL	341°, 50%, 50%
HSV	341°, 66%, 75%
XYZ	25.9260, 15.8769, 15.0627
YIQ	107.2340, 62.2560, 39.1520

Conversions

Conversions Part 2

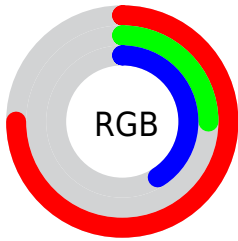
Format	Color
R_{YB}	191, 65, 105
Decimal	12534121
CIE _{Lab}	46.81, 53.52, 4.86
CIE _{LCh}	47, 53.743, 5.189
Yxy	15.8769, 0.4559, 0.2792
Android (android.graphics.Color)	4290724201 (0xFFBF4169)
YUV	107.2340, -1.1014, 73.4628
Hunter-Lab	39.8458, 46.4122, 5.4790

Details

The XYZ color **25.9260, 15.8769, 15.0627** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **26.3978, 40.6203, 35.7304**, and the grayscale version is **14.0317, 14.7624, 16.0763**.

A 20% lighter version of the original color is **52.5009, 36.3425, 35.7002**, and **10.4366, 5.2920, 4.4744** is the 20% darker color. If you saturate the color by 10%, you get **24.3894, 13.7952, 11.4941**, and if you desaturate by 10%, it is **27.9368, 18.7426, 19.2965**.

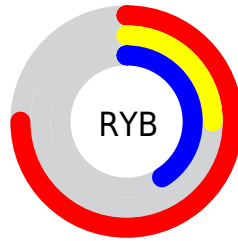
Distribution



Red (75%)

Green (25%)

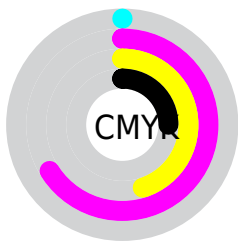
Blue (41%)



Red (75%)

Yellow (25%)

Blue (41%)

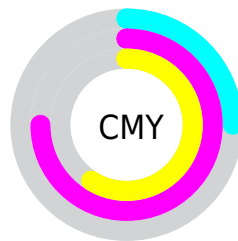


Cyan (0%)

Magenta (66%)

Yellow (45%)

Black (25%)



Cyan (25%)


Magenta (75%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9260, 15.8769, 15.0627 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 25.9260, 15.8769, 15.0627 by changing the saturation by 10% instead.


 25.9260, 15.8769,
15.0627


 25.9260, 15.8769,
15.0627


274.6820,
228.6142, 235.3993


 16.9007, 9.4371,
8.7163


 52.5877, 36.3844,
35.7070


 10.2586, 5.0274,
4.4623


 70.9548, 51.2208,
50.8420


 5.6343, 2.2633,
1.8822

 93.1665, 69.6249,
69.7435

 2.6626, 0.7542,
0.4814

 119.5882, 91.9811,
92.8302

 0.9779, 0.0000,
0.0000

 150.5852,
118.6737, 120.5206

 0.0000, 0.0000,
0.0000

186.5230,

150.0872, 153.2332

227.7668,
186.6059, 191.3866

■ 25.9260, 15.8769,
15.0627

■ 25.9260, 15.8769,
15.0627

■ 24.3894, 13.7952,
11.4941

■ 27.9368, 18.7426,
19.2965

■ 23.2820, 12.4149,
8.5522

■ 30.4586, 22.4589,
24.2290

■ 22.5496, 11.6357,
6.1945

■ 33.5258, 27.0882,
29.8921

■ 22.3182, 11.4093,
5.3884

■ 37.1695, 32.6860,
36.3152

■ 41.4182, 39.3037,
43.5262

■ 46.2986, 46.9889,
51.5516

■ 51.8356, 55.7862,
60.4163

■ 58.0530, 65.7377,
70.1443

■ 64.9732, 76.8832,
80.7587

Harmonies

Analogous

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



24.8055, 15.8769, 30.4924



25.9260, 15.8769, 15.0627



23.6907, 15.8769, 6.2931

Triad

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



25.9260, 15.8769, 15.0627



10.4817, 15.8769, 3.6310



11.6249, 15.8769, 52.7510

Complementary

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



25.9260, 15.8769, 15.0627



26.3978, 40.6203, 35.7304

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.



8.8732, 15.8769, 36.7641



25.9260, 15.8769, 15.0627



8.3150, 15.8769, 8.5802

Square

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



25.9260, 15.8769, 15.0627



14.2923, 15.8769, 2.2367



7.7935, 15.8769, 19.7207



15.9179, 15.8769, 57.6727

Rectangle

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



25.9260, 15.8769, 15.0627



20.8240, 15.8769, 3.5968



7.7935, 15.8769, 19.7207



10.5197, 15.8769, 48.1967

Sweetspot

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



25.9264, 15.8778, 15.0630



70.7324, 65.0049, 72.1586



23.6896, 13.9329, 50.7310



15.0621, 13.5431, 15.0453



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.



25.9264, 15.8778, 15.0630



42.7424, 23.5030, 18.1944



25.7685, 18.1147, 7.1405



9.6516, 9.5849, 10.5543



14.6999, 7.5111, 3.7135



0.6063, 0.3064, 0.3061

Inverse Universe

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



25.9264, 15.8778, 15.0630



42.7424, 23.5030, 18.1944



25.9594, 33.6356, 54.4143



9.6516, 9.5849, 10.5543



14.6999, 7.5111, 3.7135



0.6063, 0.3064, 0.3061

Previews

White Background



This preview shows how the XYZ color 25.9260, 15.8769, 15.0627 looks on a white background.

Color Contrast Check

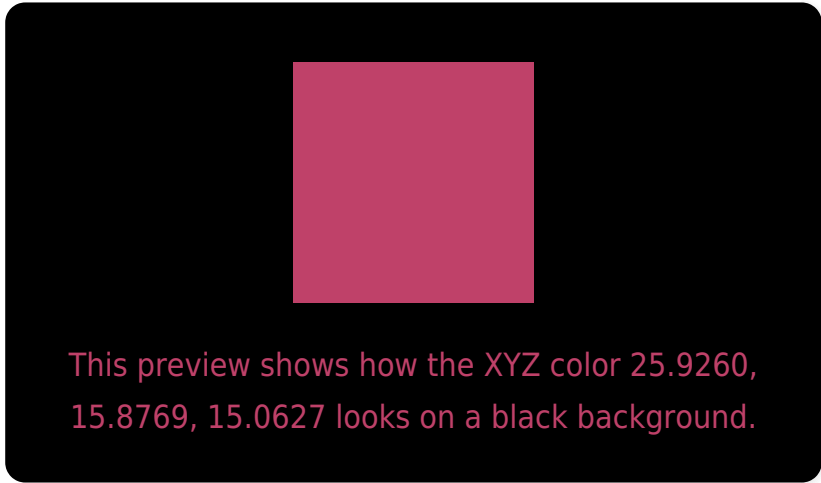
Large Text (above 18pt) WCAG AA ✓ Pass

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

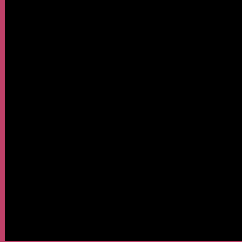
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.9260, 15.8769, 15.0627

Background



This preview shows how black text looks on a background with the XYZ color 25.9260, 15.8769, 15.0627.



This preview shows how white text looks on a background with the XYZ color 25.9260, 15.8769,

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

25.9260, 15.8769, 15.0627

Protanopia

15.9655, 16.1957, 23.7573

Deuteranopia

16.3671, 16.1380, 14.0567



Tritanopia

24.5440, 15.8471, 8.6027

Trichromacy



Original Color

25.9260, 15.8769, 15.0627

Protanomaly

17.9968, 14.8138, 20.3232

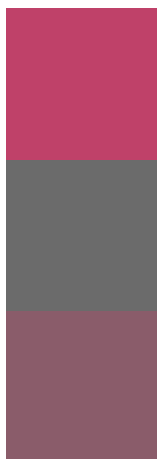
Deuteranomaly

18.7538, 15.0779, 14.2338

Tritanomaly

25.0836, 15.8915, 10.7621

Monochromacy



Original Color

25.9260, 15.8769, 15.0627

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

16.9099, 14.0982, 15.4656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9260, 15.8769, 15.0627 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(191, 65, 105)` looks like.

```
.text, #text, p{  
    color:rgb(191, 65, 105)  
}
```

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(191, 65, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 65, 105) }
```

Border

The CSS property to change the border of an element to XYZ 25.9260, 15.8769, 15.0627 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(191, 65, 105) }
```


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

```
.border{ border-color:rgb(191, 65, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 65, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 65, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 65, 105);  
box-shadow:4px 4px 4px 4px rgb(191, 65,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9260, 15.8769, 15.0627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 65, 105) }
```

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

```
.background{ background-color: rgb(191, 65,  
105) }
```

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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