

Converting Colors

XYZ(25.5100, 14.1267, 15.2921)

Have a look what the booklet for
XYZ(25.5100, 14.1267, 15.2921)
contains.

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Color

**XYZ(25.5100, 14.1267,
15.2921)**

Conversions

Conversions Part 1

Format	Color
Hex	C12B6B
RGB	193, 43, 107
RGB Percent	76%, 17%, 42%
CMY	0.2431, 0.8313, 0.5804
CMYK	0.00, 0.78, 0.45, 0.24
HSL	334°, 64%, 46%
HSV	334°, 78%, 76%
XYZ	25.5100, 14.1267, 15.2921
YIQ	95.1460, 68.8560, 51.7040

Conversions

Conversions Part 2

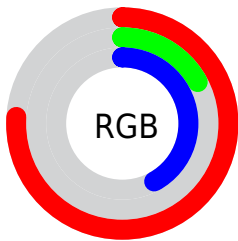
Format	Color
RYB	193, 43, 107
Decimal	12659563
CIELab	44.41, 62.12, 0.20
CIElCh	44, 62.118, 0.187
Yxy	14.1267, 0.4644, 0.2572
Android (android.graphics.Color)	4290849643 (0xFFC12B6B)
YUV	95.1460, 5.8440, 85.8180
Hunter-Lab	37.5855, 55.3767, 2.1870

Details

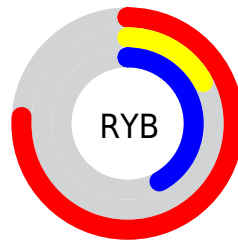
The XYZ color **25.5100, 14.1267, 15.2921** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **24.0297, 40.2389, 27.2728**, and the grayscale version is **10.8882, 11.4552, 12.4747**.

A 20% lighter version of the original color is **51.8949, 33.2399, 36.0285**, and **10.6471, 5.3946, 4.7551** is the 20% darker color. If you saturate the color by 10%, you get **24.4213, 12.8221, 12.2382**, and if you desaturate by 10%, it is **27.0058, 16.1261, 18.8495**.

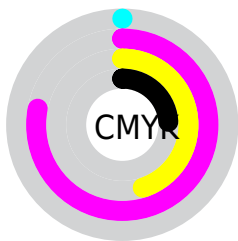
Distribution



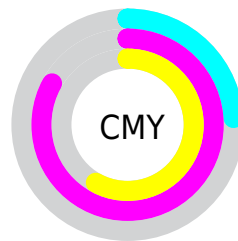
- Red (76%)
- Green (17%)
- Blue (42%)



- Red (76%)
- Yellow (17%)
- Blue (42%)



- Cyan (0%)
- Magenta (78%)
- Yellow (45%)
- Black (24%)





- Cyan (24%)
- Magenta (83%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5100, 14.1267, 15.2921 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 25.5100, 14.1267, 15.2921 by changing the saturation by 10% instead.


 25.5100, 14.1267,
15.2921


 25.5100, 14.1267,
15.2921


272.6694,
218.0176, 236.8288


 16.5882, 8.2088,
8.8757


 51.9203, 33.3137,
36.1143


 10.0348, 4.2289,
4.5645


 70.1396, 47.3516,
51.3573


 5.4845, 1.8024,
1.9399

 92.1887, 64.8649,
70.3795

 2.5719, 0.4887,
0.5179

 118.4330, 86.2382,
93.5996

 0.9316, 0.0000,
0.0000

 149.2378,
111.8557, 121.4360

 0.0000, 0.0000,
0.0000

 184.9686,

142.1018, 154.3073

225.9907,
177.3610, 192.6321

■ 25.5100, 14.1267,
15.2921

■ 25.5100, 14.1267,
15.2921

■ 24.4213, 12.8221,
12.2382

■ 27.0058, 16.1261,
18.8495

■ 23.6746, 12.0870,
9.6521

■ 28.9515, 18.9020,
22.9376

■ 23.5282, 11.9518,
9.1173

■ 31.3855, 22.5267,
27.5816

■ 34.3415, 27.0640,
32.8048

■ 37.8500, 32.5713,
38.6287

■ 41.9391, 39.1011,
45.0735

■ 46.6350, 46.7023,
52.1586

■ 51.9621, 55.4207,
59.9023

■ 57.9435, 65.2992,
68.3221

Harmonies

Analogous

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



23.6086, 14.1267, 33.5206



25.5100, 14.1267, 15.2921



23.5630, 14.1267, 5.2791

Triad

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



25.5100, 14.1267, 15.2921



9.1519, 14.1267, 1.7495



9.1939, 14.1267, 53.7434

Complementary

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



25.5100, 14.1267, 15.2921



24.0297, 40.2389, 27.2728

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.



6.7162, 14.1267, 33.7823



25.5100, 14.1267, 15.2921



6.6965, 14.1267, 5.3556

Square

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



25.5100, 14.1267, 15.2921



13.3957, 14.1267, 1.0116



5.9281, 14.1267, 15.4714



13.4583, 14.1267, 62.5731

Rectangle

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



25.5100, 14.1267, 15.2921



20.5669, 14.1267, 2.4479



5.9281, 14.1267, 15.4714



8.1665, 14.1267, 47.6811

Sweetspot

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



25.5104, 14.1275, 15.2923



70.8483, 63.1977, 74.0719



19.3926, 10.1683, 51.3925



14.6474, 12.6801, 15.0105



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.



25.5104, 14.1275, 15.2923



42.7867, 21.9979, 18.7111



23.7021, 14.0590, 3.7510



10.2475, 10.1476, 11.3941



15.6874, 7.9647, 6.2658



0.7122, 0.3579, 0.4521

Inverse Universe

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



25.5104, 14.1275, 15.2923



42.7867, 21.9979, 18.7111



27.5559, 38.2312, 56.3790



10.2475, 10.1476, 11.3941



15.6874, 7.9647, 6.2658



0.7122, 0.3579, 0.4521

Previews

White Background



This preview shows how the XYZ color 25.5100, 14.1267, 15.2921 looks on a white background.

Color Contrast Check

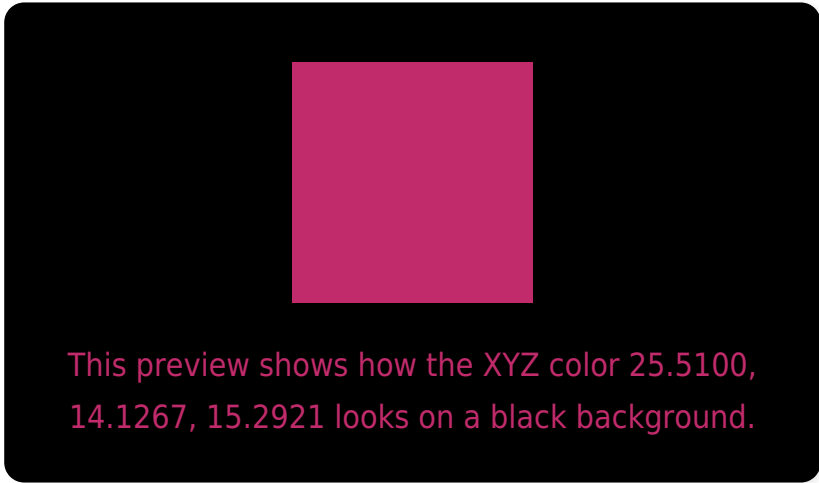
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5100, 14.1267, 15.2921

Background



This preview shows how black text looks on a background with the XYZ color 25.5100, 14.1267, 15.2921.



This preview shows how white text looks on a background with the XYZ color 25.5100, 14.1267,

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

25.5100, 14.1267, 15.2921

Protanopia

14.8049, 14.5497, 28.4136

Deuteranopia

14.6594, 14.3448, 14.0528



Tritanopia

23.4388, 14.0913, 5.6222

Trichromacy



Original Color

25.5100, 14.1267, 15.2921

Protanomaly

16.4741, 12.4986, 23.0169

Deuteranomaly

17.2447, 12.9751, 14.4275

Tritanomaly

23.9742, 13.9658, 8.2696

Monochromacy



Original Color

25.5100, 14.1267, 15.2921

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

14.1966, 10.8950, 13.1591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5100, 14.1267, 15.2921 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(193, 43, 107)` looks like.

```
.text, #text, p{  
    color:rgb(193, 43, 107)  
}
```

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(193, 43, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 43, 107) }
```

Border

The CSS property to change the border of an element to XYZ 25.5100, 14.1267, 15.2921 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(193, 43, 107) }
```


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

```
.border{ border-color:rgb(193, 43, 107) }
```

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

Here you see how a box with a 4 pixel rgb(193, 43, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 43, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 43, 107);  
box-shadow:4px 4px 4px 4px rgb(193, 43,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5100, 14.1267, 15.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 43, 107) }
```

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

```
.background{ background-color: rgb(193, 43,  
107) }
```

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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