

Converting Colors

XYZ(25.1307, 14.7581, 15.5474)

Have a look what the booklet for
XYZ(25.1307, 14.7581, 15.5474)
contains.

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Color

**XYZ(25.0543, 14.7087,
15.4285)**

Conversions

Conversions Part 1

Format	Color
Hex	BD386B
RGB	189, 56, 107
RGB Percent	74%, 22%, 42%
CMY	0.2588, 0.7804, 0.5804
CMYK	0.00, 0.70, 0.43, 0.26
HSL	337°, 54%, 48%
HSV	337°, 70%, 74%
XYZ	25.0543, 14.7087, 15.4285
YIQ	101.5810, 62.8970, 44.0570

Conversions

Conversions Part 2

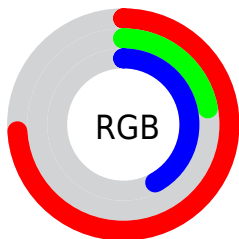
Format	Color
RYB	189, 56, 107
Decimal	12400747
CIELab	45.23, 56.66, 1.31
CIElCh	45, 56.672, 1.320
Yxy	14.7087, 0.4540, 0.2665
Android (android.graphics.Color)	4290590827 (0xFFBD386B)
YUV	101.5810, 2.6716, 76.6665
Hunter-Lab	38.3519, 49.4935, 2.9947

Details

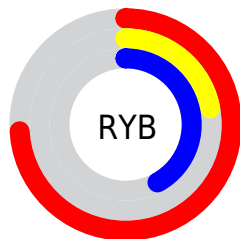
The XYZ color **25.0543, 14.7087, 15.4285** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **24.4169, 39.0714, 30.3023**, and the grayscale version is **12.5028, 13.1539, 14.3246**.

A 20% lighter version of the original color is **51.0326, 34.1967, 36.2587**, and **10.1757, 5.1515, 4.7330** is the 20% darker color. If you saturate the color by 10%, you get **23.7326, 12.9813, 12.1642**, and if you desaturate by 10%, it is **26.8051, 17.1621, 19.2438**.

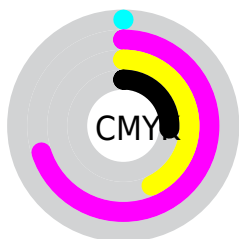
Distribution



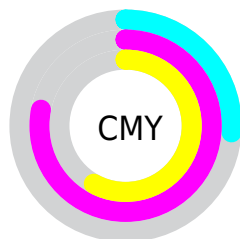
- Red (74%)
- Green (22%)
- Blue (42%)



- Red (74%)
- Yellow (22%)
- Blue (42%)



- Cyan (0%)
- Magenta (70%)
- Yellow (43%)
- Black (26%)





- Cyan (26%)
- Magenta (78%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0543, 14.7087, 15.4285 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 25.0543, 14.7087, 15.4285 by changing the saturation by 10% instead.


 25.0543, 14.7087,
15.4285


 25.0543, 14.7087,
15.4285


270.4509,
221.5962, 237.6748


 16.2465, 8.6152,
8.9707


 51.1876, 34.3413,
36.3560


 9.7907, 4.4911,
4.6255


 69.2437, 48.6493,
51.6629


 5.3216, 1.9519,
1.9744

 91.1133, 66.4641,
70.7565

 2.4738, 0.5793,
0.5395

 117.1617, 88.1703,
94.0554

 0.8821, 0.0000,
0.0000

 147.7544,
114.1522, 121.9781

 0.0000, 0.0000,
0.0000

183.2565,

144.7942, 154.9432

224.0336,
180.4808, 193.3693

■ 25.0543, 14.7087,
15.4285

■ 25.0543, 14.7087,
15.4285

■ 23.7326, 12.9813,
12.1642

■ 26.8051, 17.1621,
19.2438

■ 22.7942, 11.8935,
9.4191

■ 29.0218, 20.4101,
23.6372

■ 22.1713, 11.2928,
7.2223

■ 31.7384, 24.5159,
28.6348

■ 34.9851, 29.5355,
34.2604

■ 38.7897, 35.5204,
40.5365

■ 43.1782, 42.5180,
47.4844

■ 48.1745, 50.5727,
55.1242

■ 53.8014, 59.7262,
63.4753

■ 60.0806, 70.0178,
72.5563

Harmonies

Analogous

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



23.4626, 14.7087, 31.8556



25.0543, 14.7087, 15.4285



23.1709, 14.7087, 6.0016

Triad

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



25.0543, 14.7087, 15.4285



9.8020, 14.7087, 2.5418



10.0883, 14.7087, 50.9712

Complementary

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



25.0543, 14.7087, 15.4285



24.4169, 39.0714, 30.3023

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.



7.6118, 14.7087, 33.5109



25.0543, 14.7087, 15.4285



7.4744, 14.7087, 6.5525

Square

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



25.0543, 14.7087, 15.4285



13.7738, 14.7087, 1.5930



6.7714, 14.7087, 16.6167



14.1886, 14.7087, 58.1125

Rectangle

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



25.0543, 14.7087, 15.4285



20.3975, 14.7087, 3.1401



6.7714, 14.7087, 16.6167



9.0735, 14.7087, 45.7649

Sweetspot

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



25.0547, 14.7095, 15.4287



68.7665, 62.4993, 71.4586



20.7213, 11.7211, 49.3143



14.3677, 12.7765, 14.6815



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.



25.0547, 14.7095, 15.4287



41.5882, 22.1469, 19.2262



23.8474, 15.3986, 5.4578



9.6775, 9.5953, 10.6906



14.9523, 7.6121, 5.0425



0.6178, 0.3110, 0.3668

Inverse Universe

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



25.0547, 14.7095, 15.4287



41.5882, 22.1469, 19.2262



26.2834, 35.4486, 53.6011



9.6775, 9.5953, 10.6906



14.9523, 7.6121, 5.0425



0.6178, 0.3110, 0.3668

Previews

White Background



This preview shows how the XYZ color 25.0543, 14.7087, 15.4285 looks on a white background.

Color Contrast Check

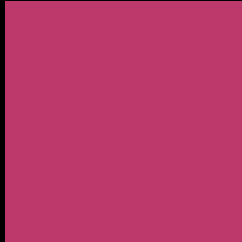
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0543, 14.7087, 15.4285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

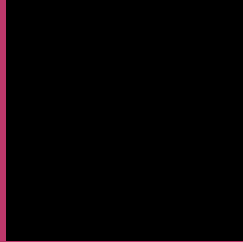
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.0543, 14.7087, 15.4285

Background



This preview shows how black text looks on a background with the XYZ color 25.0543, 14.7087, 15.4285.



This preview shows how white text looks on a background with the XYZ color 25.0543, 14.7087,

15.4285.

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

25.0543, 14.7087, 15.4285

Protanopia

15.0286, 15.0309, 25.7761

Deuteranopia

15.1357, 14.8857, 14.1321



Tritanopia

23.4580, 14.7751, 7.2457

Trichromacy



Original Color

25.0543, 14.7087, 15.4285

Protanomaly

16.7713, 13.3913, 21.4395

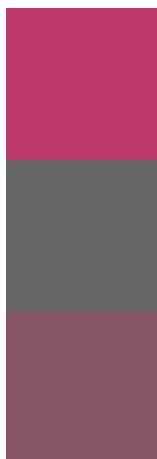
Deuteranomaly

17.7104, 13.9067, 14.5828

Tritanomaly

24.0230, 14.7611, 9.7666

Monochromacy



Original Color

25.0543, 14.7087, 15.4285

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

15.5787, 12.5648, 14.7009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0543, 14.7087, 15.4285 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(189, 56, 107)` looks like.

```
.text, #text, p{  
    color:rgb(189, 56, 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(189, 56, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 56, 107) }
```

Border

The CSS property to change the border of an element to XYZ 25.0543, 14.7087, 15.4285 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(189, 56, 107) }
```


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

```
.border{ border-color:rgb(189, 56, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 56, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 56, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 56, 107);  
box-shadow:4px 4px 4px 4px rgb(189, 56,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0543, 14.7087, 15.4285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 56, 107) }
```

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

```
.background{ background-color: rgb(189, 56,  
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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