

Converting Colors

XYZ(25.1327, 13.5336, 21.5068)

Have a look what the booklet for
XYZ(25.1327, 13.5336, 21.5068)
contains.

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Color

**XYZ(25.0174, 13.4833,
21.3627)**

Conversions

Conversions Part 1

Format	Color
Hex	BB267F
RGB	187, 38, 127
RGB Percent	73%, 15%, 50%
CMY	0.2667, 0.8509, 0.5020
CMYK	0.00, 0.80, 0.32, 0.27
HSL	324°, 66%, 44%
HSV	324°, 80%, 73%
XYZ	25.0174, 13.4833, 21.3627
YIQ	92.6970, 60.2350, 59.2670

Conversions

Conversions Part 2

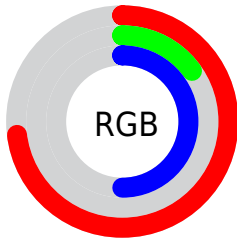
Format	Color
RYB	187, 38, 127
Decimal	12265087
CIELab	43.48, 64.04, -13.66
CIElCh	43, 65.483, 347.961
Yxy	13.4833, 0.4179, 0.2252
Android (android.graphics.Color)	4290455167 (0xFFBB267F)
YUV	92.6970, 16.9114, 82.7037
Hunter-Lab	36.7196, 57.3543, -8.7899

Details

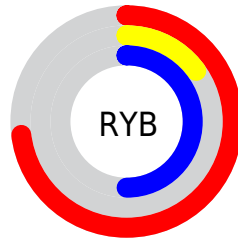
The XYZ color **25.0174, 13.4833, 21.3627** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **20.7752, 36.8350, 17.5727**, and the grayscale version is **10.2872, 10.8229, 11.7862**.

A 20% lighter version of the original color is **51.1532, 32.1838, 46.6960**, and **10.4284, 5.2172, 7.6651** is the 20% darker color. If you saturate the color by 10%, you get **24.0898, 12.3844, 18.7218**, and if you desaturate by 10%, it is **26.2826, 15.1986, 24.2974**.

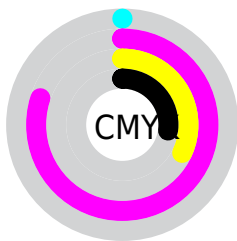
Distribution



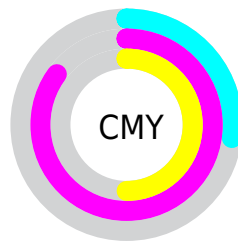
- Red (73%)
- Green (15%)
- Blue (50%)



- Red (73%)
- Yellow (15%)
- Blue (50%)



- Cyan (0%)
- Magenta (80%)
- Yellow (32%)
- Black (27%)





- Cyan (27%)
- Magenta (85%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0174, 13.4833, 21.3627 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 25.0174, 13.4833, 21.3627 by changing the saturation by 10% instead.


 25.0174, 13.4833,
21.3627


 25.0174, 13.4833,
21.3627


270.2706,
213.9923, 272.0439


 16.2188, 7.7622,
13.1956


 51.1281, 32.1694,
46.5790


 9.7710, 3.9432,
7.4310


 69.1710, 45.9031,
64.4652


 5.3085, 1.6418,
3.6506

 91.0260, 63.0765,
86.4282

 2.4660, 0.3855,
1.4357

 117.0585, 84.0740,
112.8866

 0.8781, 0.0000,
0.1693

 147.6339,
109.2799, 144.2588

 0.0000, 0.0000,
0.0000

 183.1174,

139.0786, 180.9633

223.8746,
173.8546, 223.4189

■ 25.0174, 13.4833,
21.3627

■ 25.0174, 13.4833,
21.3627

■ 24.0898, 12.3844,
18.7218

■ 26.2826, 15.1986,
24.2974

■ 23.4214, 11.7466,
16.3443

■ 27.9247, 17.6077,
27.5424

■ 23.4011, 11.7279,
16.2702

■ 29.9784, 20.7788,
31.1131

■ 32.4739, 24.7714,
35.0233

■ 35.4387, 29.6389,
39.2854

■ 38.8977, 35.4304,
43.9114

■ 42.8741, 42.1912,
48.9121

■ 47.3897, 49.9635,
54.2981

■ 52.4648, 58.7872,
60.0793

Harmonies

Analogous

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



21.5790, 13.4833, 42.7121



25.0174, 13.4833, 21.3627



24.6096, 13.4833, 7.6046

Triad

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



25.0174, 13.4833, 21.3627



10.0197, 13.4833, 0.8864



7.3005, 13.4833, 47.0367

Complementary

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



25.0174, 13.4833, 21.3627



20.7752, 36.8350, 17.5727

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.



5.5603, 13.4833, 25.1723



25.0174, 13.4833, 21.3627



6.8186, 13.4833, 2.7537

Square

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



25.0174, 13.4833, 21.3627



14.9747, 13.4833, 0.7639



5.4111, 13.4833, 9.5618



10.8745, 13.4833, 62.9345

Rectangle

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



25.0174, 13.4833, 21.3627



22.2210, 13.4833, 3.2873



5.4111, 13.4833, 9.5618



6.5279, 13.4833, 39.6630

Sweetspot

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



25.0178, 13.4840, 21.3629



66.6318, 58.3541, 74.6566



14.6577, 7.5496, 47.6985



14.1956, 12.0526, 15.7950



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.



25.0178, 13.4840, 21.3629



42.2016, 21.2889, 30.1497



21.8275, 12.2079, 4.5632



9.7629, 9.6294, 11.1403



16.1600, 8.0952, 11.4023



0.6646, 0.3297, 0.6128

Inverse Universe

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



25.0178, 13.4840, 21.3629



42.2016, 21.2889, 30.1497



26.0262, 38.9354, 45.2243



9.7629, 9.6294, 11.1403



16.1600, 8.0952, 11.4023



0.6646, 0.3297, 0.6128

Previews

White Background



This preview shows how the XYZ color 25.0174, 13.4833, 21.3627 looks on a white background.

Color Contrast Check

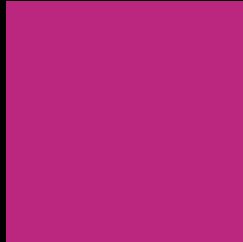
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0174, 13.4833, 21.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

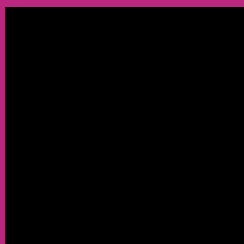
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.0174, 13.4833, 21.3627

Background



This preview shows how black text looks on a background with the XYZ color 25.0174, 13.4833, 21.3627.



This preview shows how white text looks on a background with the XYZ color 25.0174, 13.4833,

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

25.0174, 13.4833, 21.3627

Protanopia

15.0994, 13.9772, 40.9318

Deuteranopia

13.9273, 13.7034, 19.3637



Tritanopia

21.8045, 13.5357, 6.1661

Trichromacy



Original Color

25.0174, 13.4833, 21.3627

Protanomaly

15.9992, 11.7053, 32.8686

Deuteranomaly

16.2289, 12.0048, 19.8742

Tritanomaly

22.6749, 13.3182, 10.1797

Monochromacy



Original Color

25.0174, 13.4833, 21.3627

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

13.6847, 10.2970, 14.6309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0174, 13.4833, 21.3627 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(187, 38, 127)` looks like.

```
.text, #text, p{  
    color:rgb(187, 38, 127)  
}
```

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(187, 38, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 38, 127) }
```

Border

The CSS property to change the border of an element to XYZ 25.0174, 13.4833, 21.3627 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(187, 38, 127) }
```


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

```
.border{ border-color:rgb(187, 38, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 38, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 38, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 38, 127);  
box-shadow:4px 4px 4px 4px rgb(187, 38,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0174, 13.4833, 21.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 38, 127) }
```

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

```
.background{ background-color: rgb(187, 38,  
127) }
```

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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