

Converting Colors

XYZ(25.4473, 15.6065, 15.9508)

Have a look what the booklet for
XYZ(25.4473, 15.6065, 15.9508)
contains.

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Color

**XYZ(25.3361, 15.5547,
15.8543)**

Conversions

Conversions Part 1

Format	Color
Hex	BC416C
RGB	188, 65, 108
RGB Percent	74%, 25%, 42%
CMY	0.2627, 0.7451, 0.5765
CMYK	0.00, 0.65, 0.43, 0.26
HSL	339°, 49%, 50%
HSV	339°, 65%, 74%
XYZ	25.3361, 15.5547, 15.8543
YIQ	106.6790, 59.5050, 39.4490

Conversions

Conversions Part 2

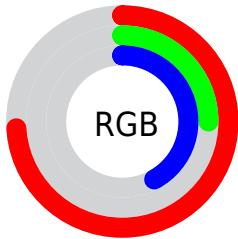
Format	Color
R_{YB}	188, 65, 108
Decimal	12337516
CIE _{Lab}	46.38, 52.89, 2.34
CIE _{LCh}	46, 52.940, 2.535
Yxy	15.5547, 0.4465, 0.2741
Android (android.graphics.Color)	4290527596 (0xFFBC416C)
YUV	106.6790, 0.6513, 71.3185
Hunter-Lab	39.4394, 45.6503, 3.7736

Details

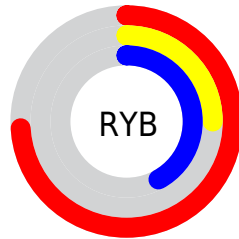
The XYZ color **25.3361, 15.5547, 15.8543** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **25.2751, 39.1350, 33.0127**, and the grayscale version is **13.8739, 14.5964, 15.8955**.

A 20% lighter version of the original color is **51.6859, 35.8926, 37.0047**, and **10.0482, 5.0827, 4.8663** is the 20% darker color. If you saturate the color by 10%, you get **23.8250, 13.5019, 12.3618**, and if you desaturate by 10%, it is **27.2985, 18.3638, 19.9479**.

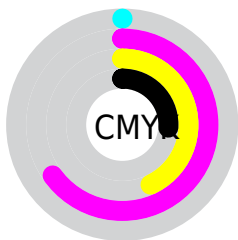
Distribution



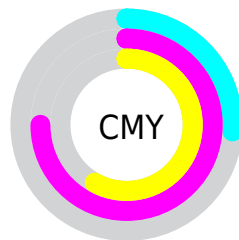
- Red (74%)
- Green (25%)
- Blue (42%)



- Red (74%)
- Yellow (25%)
- Blue (42%)



- Cyan (0%)
- Magenta (65%)
- Yellow (43%)
- Black (26%)





- Cyan (26%)
- Magenta (75%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3361, 15.5547, 15.8543 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 25.3361, 15.5547, 15.8543 by changing the saturation by 10% instead.


 25.3361, 15.5547,
15.8543


 25.3361, 15.5547,
15.8543


271.8245,
226.6996, 240.2967


 16.4577, 9.2096,
9.2679


 51.6409, 35.8234,
37.1083


 9.9415, 4.8782,
4.8171


 69.7981, 50.5158,
52.6130


 5.4222, 2.1759,
2.0835

 91.7788, 68.7594,
71.9276

 2.5343, 0.7068,
0.6059

 117.9486, 90.9386,
95.4705

 0.9126, 0.0000,
0.0000

 148.6727,
117.4379, 123.6603

 0.0000, 0.0000,
0.0000

184.3164,

148.6415, 156.9156

225.2453,
184.9339, 195.6549

■ 25.3361, 15.5547,
15.8543

■ 25.3361, 15.5547,
15.8543

■ 23.8250, 13.5019,
12.3618

■ 27.2985, 18.3638,
19.9479

■ 22.7227, 12.1270,
9.4372

■ 29.7465, 21.9925,
24.6713

■ 21.9799, 11.3372,
7.0442

■ 32.7126, 26.5000,
30.0519

■ 21.7140, 11.0813,
6.1050

■ 36.2259, 31.9396,
36.1153

■ 40.3132, 38.3602,
42.8856

■ 44.9997, 45.8071,
50.3855

■ 50.3088, 54.3229,
58.6368

■ 56.2629, 63.9479,
67.6602

■ 62.8831, 74.7201,
77.4758

Harmonies

Analogous

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



23.9645, 15.5547, 31.2867



25.3361, 15.5547, 15.8543



23.4355, 15.5547, 6.7329

Triad

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



25.3361, 15.5547, 15.8543



10.5678, 15.5547, 3.3915



11.1116, 15.5547, 50.2271

Complementary

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



25.3361, 15.5547, 15.8543



25.2751, 39.1350, 33.0127

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.



8.5769, 15.5547, 34.2604



25.3361, 15.5547, 15.8543



8.3110, 15.5547, 7.8226

Square

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



25.3361, 15.5547, 15.8543



14.4014, 15.5547, 2.2241



7.6640, 15.5547, 18.0667



15.1738, 15.5547, 56.2183

Rectangle

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



25.3361, 15.5547, 15.8543



20.7573, 15.5547, 3.8317



7.6640, 15.5547, 18.0667



10.0834, 15.5547, 45.5502

Sweetspot

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



25.3365, 15.5555, 15.8546



69.2947, 63.5860, 71.5414



22.6365, 13.4278, 48.9756



14.4622, 12.9849, 14.6532



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.



25.3365, 15.5555, 15.8546



42.1185, 23.1121, 19.6968



24.8217, 17.3297, 7.0389



9.6642, 9.5900, 10.6205



14.8162, 7.5576, 4.3256



0.6118, 0.3086, 0.3348

Inverse Universe

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



25.3365, 15.5555, 15.8546



42.1185, 23.1121, 19.6968



25.5483, 33.3363, 52.6649



9.6642, 9.5900, 10.6205



14.8162, 7.5576, 4.3256



0.6118, 0.3086, 0.3348

Previews

White Background



This preview shows how the XYZ color 25.3361, 15.5547, 15.8543 looks on a white background.

Color Contrast Check

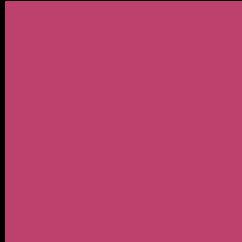
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3361, 15.5547, 15.8543 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 25.3361, 15.5547, 15.8543

Background



This preview shows how black text looks on a background with the XYZ color 25.3361, 15.5547, 15.8543.



This preview shows how white text looks on a background with the XYZ color 25.3361, 15.5547,

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

25.3361, 15.5547, 15.8543

Protanopia

15.7748, 15.9044, 25.1601

Deuteranopia

15.9681, 15.7598, 14.7707



Tritanopia

23.8716, 15.5956, 8.5896

Trichromacy



Original Color

25.3361, 15.5547, 15.8543

Protanomaly

17.6960, 14.6370, 21.2946

Deuteranomaly

18.3585, 14.8568, 14.9968

Tritanomaly

24.3831, 15.5256, 10.9441

Monochromacy



Original Color

25.3361, 15.5547, 15.8543

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

16.6343, 13.9501, 15.7258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3361, 15.5547, 15.8543 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(188, 65, 108)` looks like.

```
.text, #text, p{  
    color:rgb(188, 65, 108)  
}
```

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(188, 65, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 65, 108) }
```

Border

The CSS property to change the border of an element to XYZ 25.3361, 15.5547, 15.8543 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(188, 65, 108) }
```


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

```
.border{ border-color:rgb(188, 65, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 65, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 65, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 65, 108);  
box-shadow:4px 4px 4px 4px rgb(188, 65,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3361, 15.5547, 15.8543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 65, 108) }
```

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

```
.background{ background-color: rgb(188, 65,  
108) }
```

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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