

Converting Colors

XYZ(24.9089, 13.5765, 15.2389)

Have a look what the booklet for
XYZ(24.9089, 13.5765, 15.2389)
contains.

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Color

**XYZ(24.8328, 13.5241,
15.2115)**

Conversions

Conversions Part 1

Format	Color
Hex	BF266B
RGB	191, 38, 107
RGB Percent	75%, 15%, 42%
CMY	0.2510, 0.8509, 0.5804
CMYK	0.00, 0.80, 0.44, 0.25
HSL	333°, 67%, 45%
HSV	333°, 80%, 75%
XYZ	24.8328, 13.5241, 15.2115
YIQ	91.6130, 69.0390, 53.8950

Conversions

Conversions Part 2

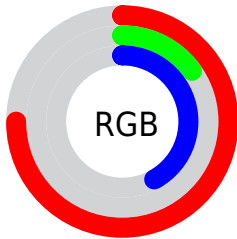
Format	Color
R_{YB}	191, 38, 107
Decimal	12527211
CIE _{Lab}	43.54, 62.99, -1.12
CIE _{LCh}	44, 63.004, 358.984
Yxy	13.5241, 0.4636, 0.2525
Android (android.graphics.Color)	4290717291 (0xFFBF266B)
YUV	91.6130, 7.5858, 87.1624
Hunter-Lab	36.7751, 56.1776, 1.2181

Details

The XYZ color **24.8328, 13.5241, 15.2115** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **22.9441, 39.0793, 24.7498**, and the grayscale version is **10.0571, 10.5808, 11.5225**.

A 20% lighter version of the original color is **50.8736, 32.2784, 35.8968**, and **10.3313, 5.2318, 4.7403** is the 20% darker color. If you saturate the color by 10%, you get **23.8522, 12.3931, 12.3256**, and if you desaturate by 10%, it is **26.1941, 15.3095, 18.5547**.

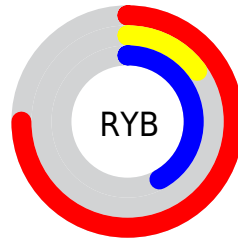
Distribution



Red (75%)

Green (15%)

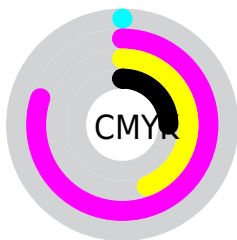
Blue (42%)



Red (75%)

Yellow (15%)

Blue (42%)

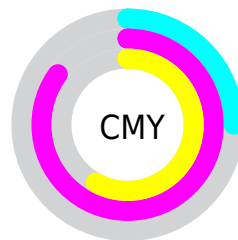


Cyan (0%)

Magenta (80%)

Yellow (44%)

Black (25%)



Cyan (25%)


Magenta (85%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.8328, 13.5241, 15.2115 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 24.8328, 13.5241, 15.2115 by changing the saturation by 10% instead.


 24.8328, 13.5241,
15.2115


 24.8328, 13.5241,
15.2115


269.3673,
214.2498, 236.3275


 16.0806, 7.7904,
8.8197


 50.8307, 32.2422,
35.9713


 9.6724, 3.9611,
4.5286


 68.8071, 45.9954,
51.1764

 5.2429, 1.6518,
1.9196

 90.5889, 63.1906,
70.1564

 2.4267, 0.3922,
0.5051

 116.5416, 84.2121,
93.3297

 0.8584, 0.0000,
0.0000

 147.0304,
109.4444, 121.1149

 0.0000, 0.0000,
0.0000

 182.4207,

139.2719, 153.9306

223.0779,
174.0789, 192.1953

■ 24.8328, 13.5241,
15.2115

■ 24.8328, 13.5241,
15.2115

■ 23.8522, 12.3931,
12.3256

■ 26.1941, 15.3095,
18.5547

■ 23.1708, 11.7503,
9.8783

■ 27.9795, 17.8323,
22.3805

■ 30.2271, 21.1654,
26.7125

■ 32.9704, 25.3723,
31.5718

■ 36.2394, 30.5102,
36.9784

■ 40.0620, 36.6312,
42.9508

■ 44.4635, 43.7837,
49.5067

■ 49.4681, 52.0129,
56.6628

■ 55.0984, 61.3610,
64.4350

Harmonies

Analogous

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



22.7941, 13.5241, 33.5793



24.8328, 13.5241, 15.2115



23.0409, 13.5241, 5.1076

Triad

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



24.8328, 13.5241, 15.2115



8.7911, 13.5241, 1.4629



8.5673, 13.5241, 52.3250

Complementary

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



24.8328, 13.5241, 15.2115



22.9441, 39.0793, 24.7498

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.



6.2242, 13.5241, 32.1571



24.8328, 13.5241, 15.2115



6.3283, 13.5241, 4.7074

Square

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



24.8328, 13.5241, 15.2115



13.0229, 13.5241, 0.8445



5.5222, 13.5241, 14.2499



12.6871, 13.5241, 61.8695

Rectangle

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



24.8328, 13.5241, 15.2115



20.1217, 13.5241, 2.2794



5.5222, 13.5241, 14.2499



7.5887, 13.5241, 46.1171

Sweetspot

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



24.8332, 13.5249, 15.2117



68.6959, 60.6921, 72.2196



17.7886, 9.1135, 50.1116



14.5514, 12.4746, 15.0202



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.



24.8332, 13.5249, 15.2117



41.7980, 21.3363, 18.7365



22.7038, 12.9522, 3.1381



9.7042, 9.6060, 10.8313



15.2670, 7.7380, 6.6997



0.6310, 0.3163, 0.4361

Inverse Universe

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



24.8332, 13.5249, 15.2117



41.7980, 21.3363, 18.7365



27.7416, 39.2497, 55.4039



9.7042, 9.6060, 10.8313



15.2670, 7.7380, 6.6997



0.6310, 0.3163, 0.4361

Previews

White Background



This preview shows how the XYZ color 24.8328, 13.5241, 15.2115 looks on a white background.

Color Contrast Check

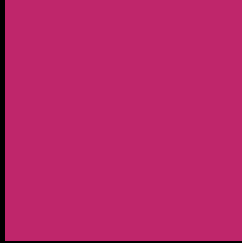
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8328, 13.5241, 15.2115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

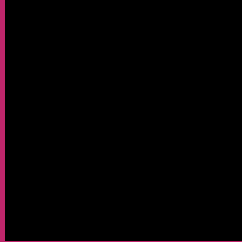
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.8328, 13.5241, 15.2115

Background



This preview shows how black text looks on a background with the XYZ color 24.8328, 13.5241, 15.2115.



This preview shows how white text looks on a background with the XYZ color 24.8328, 13.5241,

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

24.8328, 13.5241, 15.2115

Protanopia

14.3529, 14.0000, 29.1399

Deuteranopia

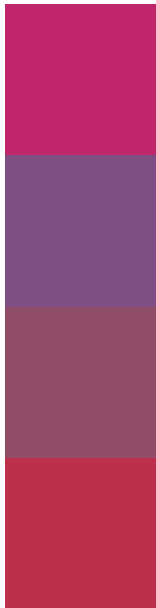
14.0599, 13.7474, 13.9691



Tritanopia

22.7260, 13.5231, 5.1538

Trichromacy



Original Color

24.8328, 13.5241, 15.2115

Protanomaly

15.7132, 11.7699, 23.2734

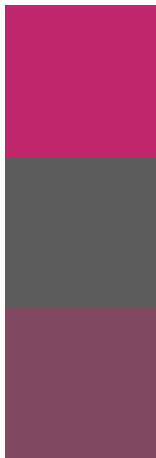
Deuteranomaly

16.4298, 12.1267, 14.3067

Tritanomaly

23.3132, 13.4407, 8.0222

Monochromacy



Original Color

24.8328, 13.5241, 15.2115

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

13.3771, 10.0870, 12.5512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8328, 13.5241, 15.2115 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, 38, 107)` looks like.

```
.text, #text, p{  
    color:rgb(191, 38, 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(191, 38, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 38, 107) }
```

Border

The CSS property to change the border of an element to XYZ 24.8328, 13.5241, 15.2115 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, 38, 107) }
```


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

```
.border{ border-color:rgb(191, 38, 107) }
```

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

Here you see how a box with a 4 pixel rgb(191, 38, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 38, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 38, 107);  
box-shadow:4px 4px 4px 4px rgb(191, 38,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8328, 13.5241, 15.2115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 38, 107) }
```

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

```
.background{ background-color: rgb(191, 38,  
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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