

Converting Colors

XYZ(25.0833, 13.2134, 17.4914)

Have a look what the booklet for
XYZ(25.0833, 13.2134, 17.4914)
contains.

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Color

**XYZ(25.0197, 13.1929,
17.4475)**

Conversions

Conversions Part 1

Format	Color
Hex	BF1D73
RGB	191, 29, 115
RGB Percent	75%, 11%, 45%
CMY	0.2510, 0.8862, 0.5490
CMYK	0.00, 0.85, 0.40, 0.25
HSL	328°, 74%, 43%
HSV	328°, 85%, 75%
XYZ	25.0197, 13.1929, 17.4475
YIQ	87.2420, 68.9460, 61.0900

Conversions

Conversions Part 2

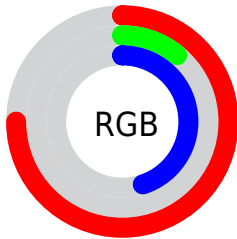
Format	Color
RYB	191, 29, 115
Decimal	12524915
CIELab	43.05, 65.91, -6.82
CIELCh	43, 66.258, 354.095
Yxy	13.1929, 0.4495, 0.2370
Android (android.graphics.Color)	4290714995 (0xFFBF1D73)
YUV	87.2420, 13.6847, 90.9958
Hunter-Lab	36.3220, 59.3926, -3.0549

Details

The XYZ color **25.0197, 13.1929, 17.4475** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **21.6885, 38.5432, 19.6651**, and the grayscale version is **9.0739, 9.5464, 10.3961**.

A 20% lighter version of the original color is **51.2121, 31.6699, 39.9729**, and **10.5288, 5.3108, 5.7803** is the 20% darker color. If you saturate the color by 10%, you get **24.1970, 12.3330, 14.7515**, and if you desaturate by 10%, it is **26.1831, 14.6540, 20.5046**.

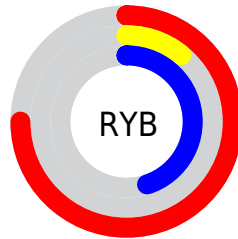
Distribution



Red (75%)

Green (11%)

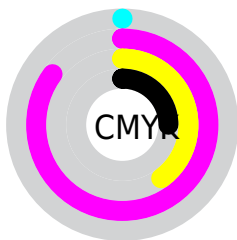
Blue (45%)



Red (75%)

Yellow (11%)

Blue (45%)

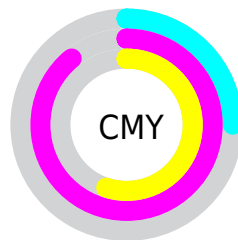


Cyan (0%)

Magenta (85%)

Yellow (40%)

Black (25%)



Cyan (25%)


Magenta (89%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0197, 13.1929, 17.4475 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 25.0197, 13.1929, 17.4475 by changing the saturation by 10% instead.

 25.0197, 13.1929,
17.4475


 25.0197, 13.1929,
17.4475

270.2819,
212.1503, 249.8688


 16.2205, 7.5615,
10.3887


 51.1318, 31.6499,
39.8947


 9.7722, 3.8157,
5.5485


 69.1755, 45.2443,
56.1203


 5.3093, 1.5710,
2.5082

 91.0315, 62.2618,
76.2385

 2.4665, 0.3379,
0.8445

 117.0650, 83.0869,
100.6680

 0.8784, 0.0000,
0.0000

 147.6414,
108.1039, 129.8272

 0.0000, 0.0000,
0.0000

 183.1261,

137.6972, 164.1347

223.8845,
172.2512, 204.0091

■ 25.0197, 13.1929,
17.4475

■ 25.0197, 13.1929,
17.4475

■ 24.1970, 12.3330,
14.7515

■ 26.1831, 14.6540,
20.5046

■ 23.8538, 12.0235,
13.4751

■ 27.7341, 16.8077,
23.9449

■ 29.7126, 19.7319,
27.7883

■ 32.1532, 23.4937,
32.0525

■ 35.0865, 28.1525,
36.7539

■ 38.5406, 33.7625,
41.9076

■ 42.5413, 40.3733,
47.5278

■ 47.1125, 48.0313,
53.6282

■ 52.2770, 56.7799,
60.2214

Harmonies

Analogous

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



22.2612, 13.1929, 37.8867



25.0197, 13.1929, 17.4475



23.7711, 13.1929, 5.6880

Triad

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



25.0197, 13.1929, 17.4475



8.9515, 13.1929, 0.9608



7.6288, 13.1929, 51.1589

Complementary

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



25.0197, 13.1929, 17.4475



21.6885, 38.5432, 19.6651

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.



5.5562, 13.1929, 29.1254



25.0197, 13.1929, 17.4475



6.1625, 13.1929, 3.3964

Square

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



25.0197, 13.1929, 17.4475



13.5741, 13.1929, 0.5818



5.1034, 13.1929, 11.6685



11.5588, 13.1929, 64.2149

Rectangle

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



25.0197, 13.1929, 17.4475



20.9690, 13.1929, 2.3531



5.1034, 13.1929, 11.6685



6.7395, 13.1929, 44.0510

Sweetspot

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



25.0201, 13.1936, 17.4477



68.6368, 59.8302, 74.4921



15.6235, 7.6207, 49.9375



14.5691, 12.3173, 15.6198



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.



25.0201, 13.1936, 17.4477



42.5984, 21.4847, 23.4809



22.2203, 12.0737, 2.7043



9.7361, 9.6187, 10.9992



15.7175, 7.9181, 9.0717



0.6485, 0.3233, 0.5280

Inverse Universe

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



25.0201, 13.1936, 17.4477



42.5984, 21.4847, 23.4809



27.9584, 41.0511, 52.6820



9.7361, 9.6187, 10.9992



15.7175, 7.9181, 9.0717



0.6485, 0.3233, 0.5280

Previews

White Background



This preview shows how the XYZ color 25.0197, 13.1929, 17.4475 looks on a white background.

Color Contrast Check

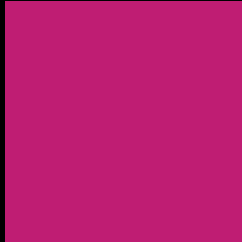
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0197, 13.1929, 17.4475 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 25.0197, 13.1929, 17.4475

Background



This preview shows how black text looks on a background with the XYZ color 25.0197, 13.1929, 17.4475.



This preview shows how white text looks on a background with the XYZ color 25.0197, 13.1929,

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

25.0197, 13.1929, 17.4475

Protanopia

14.4785, 13.6393, 35.1272

Deuteranopia

13.7666, 13.5554, 15.8008



Tritanopia

22.3874, 13.2871, 4.8748

Trichromacy



Original Color

25.0197, 13.1929, 17.4475

Protanomaly

15.5762, 11.1833, 27.7232

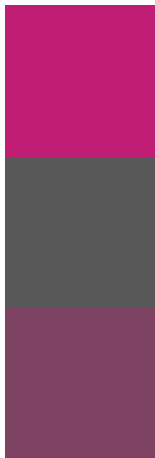
Deuteranomaly

16.0785, 11.5988, 16.1432

Tritanomaly

22.9442, 13.0145, 8.1402

Monochromacy



Original Color

25.0197, 13.1929, 17.4475

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

12.5633, 9.1195, 12.4073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0197, 13.1929, 17.4475 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, 29, 115)` looks like.

```
.text, #text, p{  
    color:rgb(191, 29, 115)  
}
```

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, 29, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 29, 115) }
```

Border

The CSS property to change the border of an element to XYZ 25.0197, 13.1929, 17.4475 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, 29, 115) }
```


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

```
.border{ border-color:rgb(191, 29, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 29, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 29, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 29, 115);  
box-shadow:4px 4px 4px 4px rgb(191, 29,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0197, 13.1929, 17.4475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 29, 115) }
```

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

```
.background{ background-color: rgb(191, 29,  
115) }
```

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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