

Converting Colors

XYZ(24.3532, 15.8627, 26.6138)

Have a look what the booklet for
XYZ(24.3532, 15.8627, 26.6138)
contains.

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Color

**XYZ(24.3313, 15.8330,
26.5846)**

Conversions

Conversions Part 1

Format	Color
Hex	AC4C8C
RGB	172, 76, 140
RGB Percent	67%, 30%, 55%
CMY	0.3255, 0.7019, 0.4510
CMYK	0.00, 0.56, 0.19, 0.33
HSL	320°, 39%, 49%
HSV	320°, 56%, 67%
XYZ	24.3313, 15.8330, 26.5846
YIQ	112.0000, 36.6720, 40.2560

Conversions

Conversions Part 2

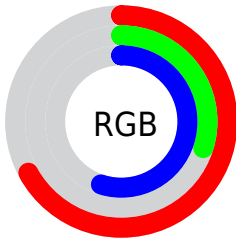
Format	Color
R_{YB}	172, 76, 140
Decimal	11291788
CIE _{Lab}	46.75, 46.98, -16.81
CIE _{LCh}	47, 49.898, 340.318
Yxy	15.8330, 0.3645, 0.2372
Android (android.graphics.Color)	4289481868 (0xFFAC4C8C)
YUV	112.0000, 13.8040, 52.6200
Hunter-Lab	39.7907, 39.5158, -11.7588

Details

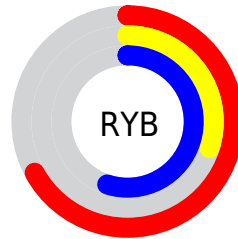
The XYZ color **24.3313, 15.8330, 26.5846** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **20.4406, 32.1247, 19.3122**, and the grayscale version is **15.3550, 16.1546, 17.5924**.

A 20% lighter version of the original color is **50.2210, 36.4185, 55.4215**, and **9.4317, 5.0204, 10.1448** is the 20% darker color. If you saturate the color by 10%, you get **22.8890, 13.6073, 24.0720**, and if you desaturate by 10%, it is **26.1134, 18.7025, 29.3194**.

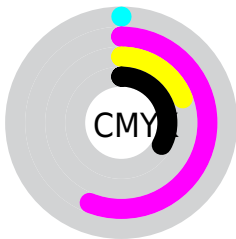
Distribution



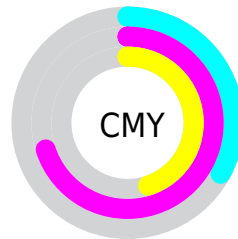
- Red (67%)
- Green (30%)
- Blue (55%)



- Red (67%)
- Yellow (30%)
- Blue (55%)



- Cyan (0%)
- Magenta (56%)
- Yellow (19%)
- Black (33%)





- Cyan (33%)
- Magenta (70%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3313, 15.8330, 26.5846 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 24.3313, 15.8330, 26.5846 by changing the saturation by 10% instead.


 24.3313, 15.8330,
26.5846


 24.3313, 15.8330,
26.5846


266.9007,
228.3543, 299.3364


 15.7056, 9.4061,
17.0318


 50.0210, 36.3080,
55.2122


 9.4056, 5.0070,
10.0950


 67.8158, 51.1249,
75.1240


 5.0659, 2.2514,
5.3555

 89.3977, 69.5073,
99.3260

 2.3211, 0.7478,
2.3950

 115.1320, 91.8394,
128.2366

 0.8054, 0.0000,
0.7837

 145.3841,
118.5058, 162.2745

 0.0000, 0.0000,
0.0000

180.5193,

149.8908, 201.8580

220.9031,
186.3788, 247.4058

■ 24.3313, 15.8330,
26.5846

■ 24.3313, 15.8330,
26.5846

■ 22.8890, 13.6073,
24.0720

■ 26.1134, 18.7025,
29.3194

■ 21.7588, 11.9713,
21.7704

■ 28.2571, 22.2598,
32.2850

■ 20.9110, 10.8658,
19.6684

■ 30.7841, 26.5475,
35.4902

■ 20.3063, 10.2130,
17.7510

■ 33.7141, 31.6041,
38.9430

■ 20.0885, 10.0008,
16.9901

■ 37.0650, 37.4654,
42.6512

■ 40.8539, 44.1650,
46.6217

■ 45.0969, 51.7346,
50.8615

■ 49.8092, 60.2040,
55.3769

■ 55.0054, 69.6020,
60.1743

Harmonies

Analogous

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



21.1062, 15.8330, 42.5691



24.3313, 15.8330, 26.5846



24.8192, 15.8330, 13.3104

Triad

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



24.3313, 15.8330, 26.5846



13.6058, 15.8330, 2.8105



9.5502, 15.8330, 37.7351

Complementary

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



24.3313, 15.8330, 26.5846



20.4406, 32.1247, 19.3122

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.



8.2524, 15.8330, 21.8743



24.3313, 15.8330, 26.5846



10.2778, 15.8330, 4.6989

Square

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



24.3313, 15.8330, 26.5846



18.0315, 15.8330, 3.1220



8.4904, 15.8330, 10.3896



12.4146, 15.8330, 50.8607

Rectangle

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



24.3313, 15.8330, 26.5846



23.4435, 15.8330, 7.7847



8.4904, 15.8330, 10.3896



8.9437, 15.8330, 32.3002

Sweetspot

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



24.3318, 15.8338, 26.5849



60.3204, 55.8729, 69.6835



16.2160, 11.3366, 40.3634



12.8789, 11.7439, 14.8772



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.3318, 15.8338, 26.5849



40.9843, 23.8828, 42.6382



21.5301, 14.7131, 11.8314



8.2218, 8.1020, 9.4790



14.9753, 7.4527, 12.7815



0.4406, 0.2169, 0.4819

Inverse Universe

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



24.3318, 15.8338, 26.5849



40.9843, 23.8828, 42.6382



23.7343, 33.4422, 36.6571



8.2218, 8.1020, 9.4790



14.9753, 7.4527, 12.7815



0.4406, 0.2169, 0.4819

Previews

White Background



This preview shows how the XYZ color 24.3313, 15.8330, 26.5846 looks on a white background.

Color Contrast Check

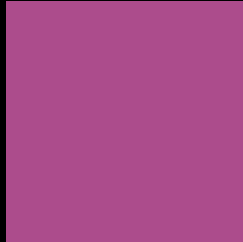
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3313, 15.8330, 26.5846 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 24.3313, 15.8330, 26.5846

Background



This preview shows how black text looks on a background with the XYZ color 24.3313, 15.8330, 26.5846.



This preview shows how white text looks on a background with the XYZ color 24.3313, 15.8330,

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

24.3313, 15.8330, 26.5846

Protanopia

16.8817, 16.1956, 37.8336

Deuteranopia

16.3974, 16.0661, 25.1585



Tritanopia

21.3203, 15.8222, 12.2862

Trichromacy



Original Color

24.3313, 15.8330, 26.5846

Protanomaly

18.3945, 15.2732, 33.4310

Deuteranomaly

18.4629, 15.3421, 25.6551

Tritanomaly

22.2699, 15.7473, 16.6176

Monochromacy



Original Color

24.3313, 15.8330, 26.5846

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.8062, 15.3972, 20.4458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3313, 15.8330, 26.5846 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(172, 76, 140)` looks like.

```
.text, #text, p{  
    color:rgb(172, 76, 140)  
}
```

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(172, 76, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 76, 140) }
```

Border

The CSS property to change the border of an element to XYZ 24.3313, 15.8330, 26.5846 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(172, 76, 140) }
```


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

```
.border{ border-color:rgb(172, 76, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 76, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 76, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 76, 140);  
box-shadow:4px 4px 4px 4px rgb(172, 76,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3313, 15.8330, 26.5846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 76, 140) }
```

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

```
.background{ background-color: rgb(172, 76,  
140) }
```

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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