

Converting Colors

XYZ(25.4663, 17.5184, 24.0928)

Have a look what the booklet for
XYZ(25.4663, 17.5184, 24.0928)
contains.

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Color

**XYZ(25.3866, 17.4206,
24.2148)**

Conversions

Conversions Part 1

Format	Color
Hex	B05585
RGB	176, 85, 133
RGB Percent	69%, 33%, 52%
CMY	0.3098, 0.6666, 0.4784
CMYK	0.00, 0.52, 0.24, 0.31
HSL	328°, 37%, 51%
HSV	328°, 52%, 69%
XYZ	25.3866, 17.4206, 24.2148
YIQ	117.6810, 38.8280, 34.2200

Conversions

Conversions Part 2

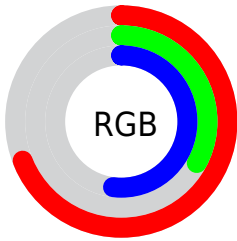
Format	Color
R_{YB}	176, 85, 133
Decimal	11556229
CIE _{Lab}	48.79, 42.75, -9.47
CIE _{LCh}	49, 43.790, 347.507
Yxy	17.4206, 0.3788, 0.2599
Android (android.graphics.Color)	4289746309 (0xFFB05585)
YUV	117.6810, 7.5523, 51.1458
Hunter-Lab	41.7380, 35.5289, -5.1812

Details

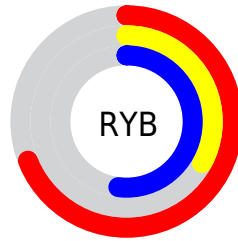
The XYZ color **25.3866, 17.4206, 24.2148** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **23.1688, 34.5409, 25.8697**, and the grayscale version is **17.0895, 17.9795, 19.5797**.

A 20% lighter version of the original color is **51.8831, 39.2146, 51.2890**, and **9.9903, 5.7772, 8.7722** is the 20% darker color. If you saturate the color by 10%, you get **23.6173, 14.7654, 20.9015**, and if you desaturate by 10%, it is **27.5470, 20.7849, 27.8833**.

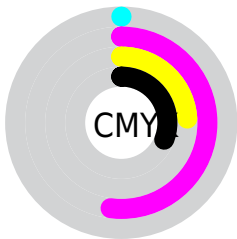
Distribution



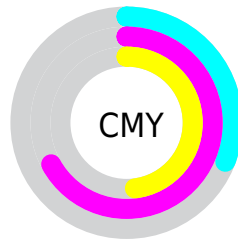
- Red (69%)
- Green (33%)
- Blue (52%)



- Red (69%)
- Yellow (33%)
- Blue (52%)



- Cyan (0%)
- Magenta (52%)
- Yellow (24%)
- Black (31%)





- Cyan (31%)
- Magenta (67%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3866, 17.4206, 24.2148 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 25.3866, 17.4206, 24.2148 by changing the saturation by 10% instead.


 25.3866, 17.4206,
24.2148


 25.3866, 17.4206,
24.2148


272.0701,
237.5846, 287.2261


 16.4956, 10.5348,
15.2794


 51.7221, 39.0475,
51.3287

 9.9686, 5.7550,
8.8669


 69.8973, 54.5575,
70.3443


 5.4402, 2.6967,
4.5588

 91.8979, 73.7109,
93.5570

 2.5452, 0.9755,
1.9367

 118.0893, 96.8923,
121.3853

 0.9181, 0.0000,
0.5159

 148.8369,
124.4859, 154.2478

 0.0000, 0.0000,
0.0000

184.5060,

156.8763, 192.5631

225.4619,
194.4477, 236.7497

■ 25.3866, 17.4206,
24.2148

■ 25.3866, 17.4206,
24.2148

■ 23.6173, 14.7654,
20.9015

■ 27.5470, 20.7849,
27.8833

■ 22.2106, 12.7642,
17.9282

■ 30.1213, 24.9028,
31.9192

■ 21.1360, 11.3580,
15.2796

■ 33.1325, 29.8183,
36.3350

■ 20.3571, 10.4757,
12.9380

■ 36.6010, 35.5711,
41.1423

■ 19.8728, 10.0174,
11.2029

■ 40.5463, 42.1983,
46.3521

■ 44.9864, 49.7347,
51.9749

■ 49.9386, 58.2134,
58.0208

■ 55.4191, 67.6656,
64.4993

■ 61.4436, 78.1211,
71.4199

Harmonies

Analogous

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



22.9911, 17.4206, 38.3806



25.3866, 17.4206, 24.2148



25.1528, 17.4206, 13.0175

Triad

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



25.3866, 17.4206, 24.2148



14.3233, 17.4206, 4.6558



11.8336, 17.4206, 40.6307

Complementary

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



25.3866, 17.4206, 24.2148



23.1688, 34.5409, 25.8697

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.



10.1846, 17.4206, 26.5014



25.3866, 17.4206, 24.2148



11.4526, 17.4206, 7.5370

Square

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



25.3866, 17.4206, 24.2148



18.3006, 17.4206, 4.4606



10.0576, 17.4206, 14.5399



14.9292, 17.4206, 50.1486

Rectangle

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



25.3866, 17.4206, 24.2148



23.5376, 17.4206, 8.3695



10.0576, 17.4206, 14.5399



11.1153, 17.4206, 36.0508

Sweetspot

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



25.3871, 17.4215, 24.2151



63.3966, 59.5441, 70.5370



19.9079, 14.1806, 42.7622



13.4686, 12.4560, 14.9105



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.3871, 17.4215, 24.2151



42.4429, 26.2088, 37.1259



22.9165, 16.4332, 11.2050



8.6774, 8.5777, 9.7994



14.6108, 7.3619, 8.3766



0.4889, 0.2433, 0.4174

Inverse Universe

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



25.3871, 17.4215, 24.2151



42.4429, 26.2088, 37.1259



26.8118, 35.9981, 45.0535



8.6774, 8.5777, 9.7994



14.6108, 7.3619, 8.3766



0.4889, 0.2433, 0.4174

Previews

White Background



This preview shows how the XYZ color 25.3866, 17.4206, 24.2148 looks on a white background.

Color Contrast Check

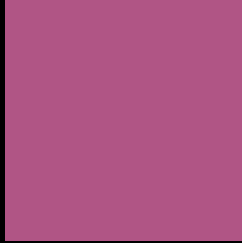
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3866, 17.4206, 24.2148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

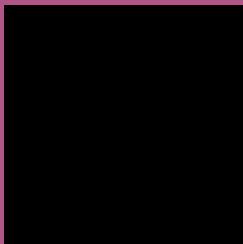
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.3866, 17.4206, 24.2148

Background



This preview shows how black text looks on a background with the XYZ color 25.3866, 17.4206, 24.2148.



This preview shows how white text looks on a background with the XYZ color 25.3866, 17.4206,

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

25.3866, 17.4206, 24.2148

Protanopia

17.9073, 17.6587, 33.0365

Deuteranopia

17.8274, 17.5063, 22.8615



Tritanopia

23.3129, 17.4394, 13.9418

Trichromacy



Original Color

25.3866, 17.4206, 24.2148

Protanomaly

19.4987, 16.8012, 29.4094

Deuteranomaly

20.0348, 17.0630, 23.3566

Tritanomaly

23.8972, 17.2911, 17.1169

Monochromacy



Original Color

25.3866, 17.4206, 24.2148

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.3766, 17.2271, 21.0428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3866, 17.4206, 24.2148 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(176, 85, 133)` looks like.

```
.text, #text, p{  
    color:rgb(176, 85, 133)  
}
```

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(176, 85, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 85, 133) }
```

Border

The CSS property to change the border of an element to XYZ 25.3866, 17.4206, 24.2148 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(176, 85, 133) }
```


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

```
.border{ border-color:rgb(176, 85, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 85, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 85, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 85, 133);  
box-shadow:4px 4px 4px 4px rgb(176, 85,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3866, 17.4206, 24.2148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 85, 133) }
```

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

```
.background{ background-color: rgb(176, 85,  
133) }
```

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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