

Converting Colors

XYZ(25.1338, 18.3909, 25.1369)

Have a look what the booklet for
XYZ(25.1338, 18.3909, 25.1369)
contains.

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Color

**XYZ(25.1705, 18.4126,
25.1490)**

Conversions

Conversions Part 1

Format	Color
Hex	AB5E87
RGB	171, 94, 135
RGB Percent	67%, 37%, 53%
CMY	0.3294, 0.6314, 0.4706
CMYK	0.00, 0.45, 0.21, 0.33
HSL	328°, 31%, 52%
HSV	328°, 45%, 67%
XYZ	25.1705, 18.4126, 25.1490
YIQ	121.6970, 32.7310, 29.0750

Conversions

Conversions Part 2

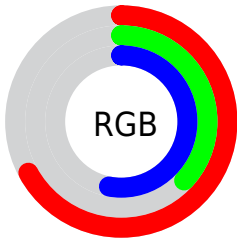
Format	Color
R_{YB}	171, 94, 135
Decimal	11230855
CIE Lab	49.99, 36.63, -8.93
CIE LCh	50, 37.707, 346.300
Yxy	18.4126, 0.3662, 0.2679
Android (android.graphics.Color)	4289420935 (0xFFAB5E87)
YUV	121.6970, 6.5584, 43.2387
Hunter-Lab	42.9099, 29.6139, -4.7123

Details

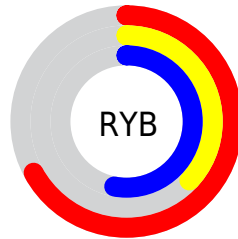
The XYZ color **25.1705, 18.4126, 25.1490** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **23.2092, 33.1178, 26.2898**, and the grayscale version is **18.3723, 19.3291, 21.0494**.

A 20% lighter version of the original color is **51.3509, 40.6826, 52.7230**, and **9.8765, 6.2391, 9.2781** is the 20% darker color. If you saturate the color by 10%, you get **23.2730, 15.4848, 21.8427**, and if you desaturate by 10%, it is **27.4482, 22.0327, 28.7910**.

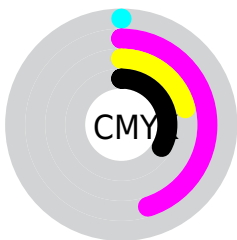
Distribution



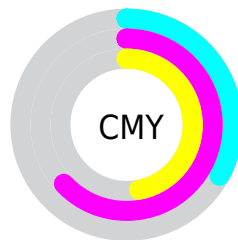
- Red (67%)
- Green (37%)
- Blue (53%)



- Red (67%)
- Yellow (37%)
- Blue (53%)



- Cyan (0%)
- Magenta (45%)
- Yellow (21%)
- Black (33%)





- Cyan (33%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1705, 18.4126, 25.1490 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 25.1705, 18.4126, 25.1490 by changing the saturation by 10% instead.


 25.1705, 18.4126,
25.1490


 25.1705, 18.4126,
25.1490


271.0180,
243.1865, 292.0506


 16.3335, 11.2466,
15.9681

 51.3746, 40.7391,
52.8660


 9.8528, 6.2330,
9.3475


 69.4724, 56.6685,
72.2391

 5.3630, 2.9873,
4.8686

 91.3879, 76.2877,
95.8466

 2.4987, 1.1251,
2.1130

 117.4865, 99.9813,
124.1072

 0.8946, 0.0000,
0.6235

148.1334,
128.1336, 157.4394

 0.0000, 0.0000,
0.0000

183.6940,

161.1289, 196.2616

224.5338,
199.3518, 240.9925

■ 25.1705, 18.4126,
25.1490

■ 25.1705, 18.4126,
25.1490

■ 23.2730, 15.4848,
21.8427

■ 27.4482, 22.0327,
28.7910

■ 21.7307, 13.2014,
18.8587

■ 30.1258, 26.3838,
32.7791

■ 20.5180, 11.5123,
16.1839

■ 33.2236, 31.5048,
37.1246


■ 19.6046, 10.3590,
13.8033


■ 36.7598, 37.4308,
41.8377


■ 18.9537, 9.6693,
11.6996


■ 40.7518, 44.1951,
46.9282

 18.6851, 9.4142,
10.7407

 45.2157, 51.8290,
52.4054

 50.1671, 60.3620,
58.2783

 55.6205, 69.8225,
64.5556

 61.5903, 80.2374,
71.2457

Harmonies

Analogous

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



23.0299, 18.4126, 37.2123



25.1705, 18.4126, 25.1490



25.0665, 18.4126, 14.9581

Triad

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



25.1705, 18.4126, 25.1490



15.6190, 18.4126, 6.3573



13.1192, 18.4126, 38.1867

Complementary

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



25.1705, 18.4126, 25.1490



23.2092, 33.1178, 26.2898

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.



11.6346, 18.4126, 26.1790



25.1705, 18.4126, 25.1490



12.9358, 18.4126, 9.1898

Square

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



25.1705, 18.4126, 25.1490



19.2012, 18.4126, 6.2491



11.5724, 18.4126, 15.6884



15.9035, 18.4126, 46.3172

Rectangle

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



25.1705, 18.4126, 25.1490



23.7302, 18.4126, 10.4119



11.5724, 18.4126, 15.6884



12.4695, 18.4126, 34.3147

Sweetspot

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



25.1710, 18.4135, 25.1494



59.9662, 57.1975, 67.1217



20.5500, 15.6873, 40.4733



13.0953, 12.2937, 14.5890



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.



25.1710, 18.4135, 25.1494



41.7027, 27.7659, 39.1595



22.9355, 17.5193, 13.3774



8.1768, 8.0840, 9.2416



14.1125, 7.1076, 8.2381



0.4199, 0.2087, 0.3731

Inverse Universe

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



25.1710, 18.4135, 25.1494



41.7027, 27.7659, 39.1595



26.2880, 34.3494, 42.5028



8.1768, 8.0840, 9.2416



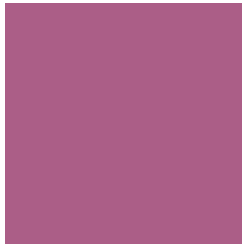
14.1125, 7.1076, 8.2381



0.4199, 0.2087, 0.3731

Previews

White Background



This preview shows how the XYZ color 25.1705, 18.4126, 25.1490 looks on a white background.

Color Contrast Check

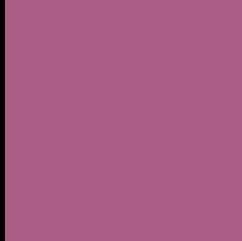
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 25.1705, 18.4126, 25.1490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

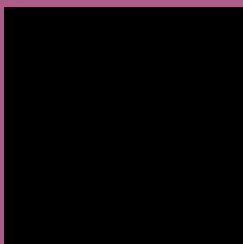
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1705, 18.4126, 25.1490

Background



This preview shows how black text looks on a background with the XYZ color 25.1705, 18.4126, 25.1490.



This preview shows how white text looks on a background with the XYZ color 25.1705, 18.4126,

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

25.1705, 18.4126, 25.1490

Protanopia

18.6199, 18.5707, 31.8813

Deuteranopia

18.9463, 18.5651, 24.0576



Tritanopia

23.2641, 18.3100, 16.2180

Trichromacy



Original Color

25.1705, 18.4126, 25.1490

Protanomaly

20.2523, 17.9682, 29.1889

Deuteranomaly

20.6827, 18.1419, 24.2414

Tritanomaly

23.8478, 18.2688, 19.0989

Monochromacy



Original Color

25.1705, 18.4126, 25.1490

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.4402, 18.6961, 22.6101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1705, 18.4126, 25.1490 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(171, 94, 135)` looks like.

```
.text, #text, p{  
    color:rgb(171, 94, 135)  
}
```

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(171, 94, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 94, 135) }
```

Border

The CSS property to change the border of an element to XYZ 25.1705, 18.4126, 25.1490 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(171, 94, 135) }
```


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

```
.border{ border-color:rgb(171, 94, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 94, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 94, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 94, 135);  
box-shadow:4px 4px 4px 4px rgb(171, 94,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1705, 18.4126, 25.1490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 94, 135) }
```

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

```
.background{ background-color: rgb(171, 94,  
135) }
```

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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