

Converting Colors

XYZ(25.8337, 16.0391, 25.7790)

Have a look what the booklet for
XYZ(25.8337, 16.0391, 25.7790)
contains.

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Color

**XYZ(25.8337, 16.0391,
25.7790)**

Conversions

Conversions Part 1

Format	Color
Hex	B5468A
RGB	181, 70, 138
RGB Percent	71%, 27%, 54%
CMY	0.2902, 0.7255, 0.4588
CMYK	0.00, 0.61, 0.24, 0.29
HSL	323°, 44%, 49%
HSV	323°, 61%, 71%
XYZ	25.8337, 16.0391, 25.7790
YIQ	110.9410, 44.3280, 44.6800

Conversions

Conversions Part 2

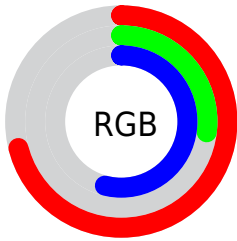
Format	Color
R_{YB}	181, 70, 138
Decimal	11880074
CIE _{Lab}	47.03, 52.22, -15.06
CIE _{LCh}	47, 54.348, 343.910
Yxy	16.0391, 0.3819, 0.2371
Android (android.graphics.Color)	4290070154 (0xFFB5468A)
YUV	110.9410, 13.3401, 61.4417
Hunter-Lab	40.0488, 45.0568, -10.1301

Details

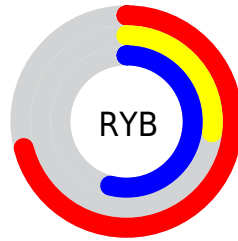
The XYZ color **25.8337, 16.0391, 25.7790** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **22.0312, 35.5427, 21.3239**, and the grayscale version is **15.0466, 15.8302, 17.2391**.

A 20% lighter version of the original color is **52.3187, 36.5718, 54.1707**, and **10.2515, 5.1297, 9.6823** is the 20% darker color. If you saturate the color by 10%, you get **24.3759, 13.9098, 22.8687**, and if you desaturate by 10%, it is **27.6664, 18.8654, 28.9763**.

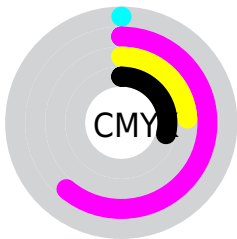
Distribution



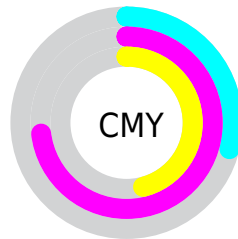
- Red (71%)
- Green (27%)
- Blue (54%)



- Red (71%)
- Yellow (27%)
- Blue (54%)



- Cyan (0%)
- Magenta (61%)
- Yellow (24%)
- Black (29%)



- Cyan (29%)
- Magenta (73%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8337, 16.0391, 25.7790 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 25.8337, 16.0391, 25.7790 by changing the saturation by 10% instead.

■ 25.8337, 16.0391,
25.7790

■ 25.8337, 16.0391,
25.7790

274.2365,
229.5723, 295.2664

■ 16.8313, 9.5518,
16.4341

■ 52.4398, 36.6661,
53.8979

■ 10.2088, 5.1028,
9.6742

■ 70.7741, 51.5746,
73.5090

■ 5.6010, 2.3077,
5.0807

■ 92.9499, 70.0589,
97.3792

■ 2.6423, 0.7778,
2.2351

■ 119.3323, 92.5035,
125.9271

■ 0.9676, 0.0000,
0.6945

■ 150.2868,
119.2927, 159.5713

■ 0.0000, 0.0000,
0.0000

186.1788,

150.8110, 198.7301

227.3736,
187.4428, 243.8223

■ 25.8337, 16.0391,
25.7790

■ 25.8337, 16.0391,
25.7790

■ 24.3759, 13.9098,
22.8687

■ 27.6664, 18.8654,
28.9763

■ 23.2593, 12.4115,
20.2306

■ 29.9010, 22.4423,
32.4722

■ 22.4459, 11.4693,
17.8493

■ 32.5635, 26.8205,
36.2782

■ 21.9188, 10.9689,
15.9661

■ 35.6772, 32.0460,
40.4050

■ 39.2637, 38.1609,
44.8625

■ 43.3432, 45.2048,
49.6600

■ 47.9346, 53.2147,
54.8066

■ 53.0559, 62.2257,
60.3106

■ 58.7242, 72.2710,
66.1804

Harmonies

Analogous

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



22.5111, 16.0391, 43.9600



25.8337, 16.0391, 25.7790



25.9620, 16.0391, 11.8917

Triad

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



25.8337, 16.0391, 25.7790



13.1493, 16.0391, 2.3789



9.5576, 16.0391, 42.6686

Complementary

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



25.8337, 16.0391, 25.7790



22.0312, 35.5427, 21.3239

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.



7.9766, 16.0391, 24.5508



25.8337, 16.0391, 25.7790



9.7390, 16.0391, 4.5713

Square

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



25.8337, 16.0391, 25.7790



17.9236, 16.0391, 2.4478



8.0352, 16.0391, 11.1619



12.8470, 16.0391, 56.6771

Rectangle

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



25.8337, 16.0391, 25.7790



24.1683, 16.0391, 6.5449



8.0352, 16.0391, 11.1619



8.8424, 16.0391, 36.5406

Sweetspot

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



25.8342, 16.0399, 25.7793



65.7468, 60.5316, 74.7133



17.2839, 11.1985, 44.9669



13.8297, 12.4376, 15.6653



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.8342, 16.0399, 25.7793



42.8045, 23.7340, 39.0514



22.8063, 14.8288, 9.8348



8.7077, 8.5898, 9.9594



15.1450, 7.5756, 11.1894



0.5041, 0.2494, 0.4971

Inverse Universe

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



25.8342, 16.0399, 25.7793



42.8045, 23.7340, 39.0514



26.1229, 37.1793, 42.8703



8.7077, 8.5898, 9.9594



15.1450, 7.5756, 11.1894



0.5041, 0.2494, 0.4971

Previews

White Background



This preview shows how the XYZ color 25.8337, 16.0391, 25.7790 looks on a white background.

Color Contrast Check

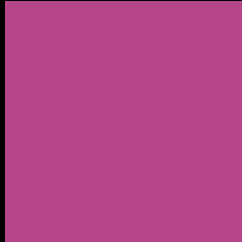
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8337, 16.0391, 25.7790 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 25.8337, 16.0391, 25.7790

Background



This preview shows how black text looks on a background with the XYZ color 25.8337, 16.0391, 25.7790.



This preview shows how white text looks on a background with the XYZ color 25.8337, 16.0391,

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

25.8337, 16.0391, 25.7790

Protanopia

17.1580, 16.3062, 39.2889

Deuteranopia

16.4435, 16.1139, 24.0734



Tritanopia

22.6832, 15.9693, 11.1194

Trichromacy



Original Color

25.8337, 16.0391, 25.7790

Protanomaly

18.6355, 14.9787, 33.8073

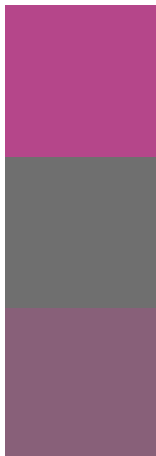
Deuteranomaly

18.8765, 15.3089, 24.5143

Tritanomaly

23.6860, 15.9544, 15.4668

Monochromacy



Original Color

25.8337, 16.0391, 25.7790

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.7874, 14.9805, 20.0432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8337, 16.0391, 25.7790 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(181, 70, 138)` looks like.

```
.text, #text, p{  
    color:rgb(181, 70, 138)  
}
```

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(181, 70, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 70, 138) }
```

Border

The CSS property to change the border of an element to XYZ 25.8337, 16.0391, 25.7790 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(181, 70, 138) }
```


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

```
.border{ border-color:rgb(181, 70, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 70, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 70, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 70, 138); box-shadow:4px 4px 4px 4px rgb(181, 70, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8337, 16.0391, 25.7790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 70, 138) }
```

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

```
.background{ background-color: rgb(181, 70,  
138) }
```

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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