

Converting Colors

XYZ(26.0243, 15.7801, 37.7506)

Have a look what the booklet for
XYZ(26.0243, 15.7801, 37.7506)
contains.

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Color

**XYZ(26.0243, 15.7801,
37.7506)**

Conversions

Conversions Part 1

Format	Color
Hex	AC45A6
RGB	172, 69, 166
RGB Percent	67%, 27%, 65%
CMY	0.3255, 0.7294, 0.3490
CMYK	0.00, 0.60, 0.03, 0.33
HSL	303°, 43%, 47%
HSV	303°, 60%, 67%
XYZ	26.0243, 15.7801, 37.7506
YIQ	110.8550, 30.2510, 52.0030

Conversions

Conversions Part 2

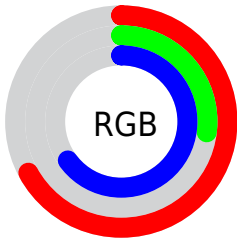
Format	Color
R_{YB}	172, 69, 166
Decimal	11290022
CIE _{Lab}	46.68, 54.48, -32.43
CIE _{LCh}	47, 63.403, 329.241
Yxy	15.7801, 0.3271, 0.1984
Android (android.graphics.Color)	4289480102 (0xFFAC45A6)
YUV	110.8550, 27.1865, 53.6242
Hunter-Lab	39.7242, 47.4225, -28.5374

Details

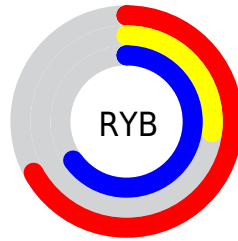
The XYZ color **26.0243, 15.7801, 37.7506** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **18.4775, 31.2789, 11.7212**, and the grayscale version is **14.9858, 15.7662, 17.1694**.

A 20% lighter version of the original color is **52.7672, 36.2094, 72.6146**, and **10.3842, 5.0185, 16.3409** is the 20% darker color. If you saturate the color by 10%, you get **25.0241, 13.9259, 36.9656**, and if you desaturate by 10%, it is **27.3329, 18.2493, 38.6423**.

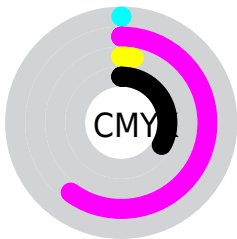
Distribution



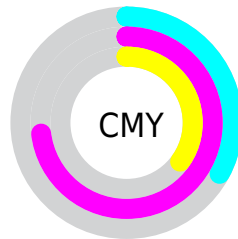
- Red (67%)
- Green (27%)
- Blue (65%)



- Red (67%)
- Yellow (27%)
- Blue (65%)



- Cyan (0%)
- Magenta (60%)
- Yellow (3%)
- Black (33%)





- Cyan (33%)
- Magenta (73%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.0243, 15.7801, 37.7506 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 26.0243, 15.7801, 37.7506 by changing the saturation by 10% instead.


 26.0243, 15.7801,
37.7506


 26.0243, 15.7801,
37.7506


275.1559,
228.0406, 351.8150


 16.9746, 9.3687,
25.4889


 52.7452, 36.2160,
72.9249


 10.3116, 4.9824,
16.2193


 71.1470, 51.0093,
96.6745


 5.6699, 2.2370,
9.5234


 93.3970, 69.3654,
125.0905

 2.6841, 0.7400,
4.9827

 119.8604, 91.6686,
158.5914

 0.9890, 0.0000,
2.1786

 150.9027,
118.3033, 197.5958

 0.0000, 0.0000,
0.6620

186.8891,

 0.0000, 0.0000,

149.6539, 242.5221

0.0000

228.1850,
186.1049, 293.7890

■ 26.0243, 15.7801,
37.7506

■ 26.0243, 15.7801,
37.7506

■ 25.0241, 13.9259,
36.9656

■ 27.3329, 18.2493,
38.6423

■ 24.3034, 12.6299,
36.2771

■ 28.9724, 21.3794,
39.6476

■ 23.8306, 11.8285,
35.6747

■ 30.9650, 25.2146,
40.7742

■ 23.5366, 11.3836,
35.1355

■ 33.3306, 29.7946,
42.0287

■ 23.5333, 11.3787,
35.1291

■ 36.0874, 35.1560,
43.4172

■ 39.2528, 41.3332,
44.9454

■ 42.8427, 48.3585,
46.6188

■ 46.8725, 56.2623,
48.4423

■ 51.3567, 65.0737,
50.4209

Harmonies

Analogous

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



20.7700, 15.7801, 59.3783



26.0243, 15.7801, 37.7506



28.2270, 15.7801, 17.5854

Triad

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



26.0243, 15.7801, 37.7506



15.1388, 15.7801, 1.2140



7.5431, 15.7801, 36.5904

Complementary

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



26.0243, 15.7801, 37.7506



18.4775, 31.2789, 11.7212

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.



6.7244, 15.7801, 16.7845



26.0243, 15.7801, 37.7506



10.4094, 15.7801, 1.9982

Square

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



26.0243, 15.7801, 37.7506



21.0724, 15.7801, 2.0951



7.6319, 15.7801, 5.8928



10.2207, 15.7801, 58.4676

Rectangle

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



26.0243, 15.7801, 37.7506



27.3389, 15.7801, 9.0191



7.6319, 15.7801, 5.8928



7.0753, 15.7801, 29.1975

Sweetspot

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



26.0249, 15.7808, 37.7509



61.1978, 55.4720, 76.6218



12.4109, 8.6975, 40.0548



13.0138, 11.5006, 16.5042



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.



26.0249, 15.7808, 37.7509



44.8969, 24.3534, 66.6156



22.2568, 14.2736, 17.9085



8.3166, 8.1399, 9.9781



17.5195, 8.4703, 26.1789



0.4933, 0.2380, 0.7596

Inverse Universe

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



26.0249, 15.7808, 37.7509



44.8969, 24.3534, 66.6156



20.9508, 32.2682, 24.7456



8.3166, 8.1399, 9.9781



17.5195, 8.4703, 26.1789



0.4933, 0.2380, 0.7596

Previews

White Background



This preview shows how the XYZ color 26.0243, 15.7801, 37.7506 looks on a white background.

Color Contrast Check

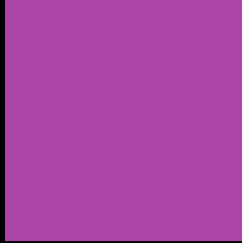
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0243, 15.7801, 37.7506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

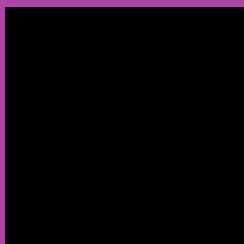
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.0243, 15.7801, 37.7506

Background



This preview shows how black text looks on a background with the XYZ color 26.0243, 15.7801, 37.7506.



This preview shows how white text looks on a background with the XYZ color 26.0243, 15.7801,

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

26.0243, 15.7801, 37.7506

Protanopia

18.1519, 16.1004, 57.4093

Deuteranopia

16.3481, 15.9822, 35.0241



Tritanopia

20.9478, 15.8635, 12.7844

Trichromacy



Original Color

26.0243, 15.7801, 37.7506

Protanomaly

18.9055, 14.6395, 49.4062

Deuteranomaly

18.6398, 14.9306, 36.0819

Tritanomaly

22.4048, 15.6306, 19.9253

Monochromacy



Original Color

26.0243, 15.7801, 37.7506

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.9525, 14.9910, 23.4201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0243, 15.7801, 37.7506 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, 69, 166)` looks like.

```
.text, #text, p{  
    color:rgb(172, 69, 166)  
}
```

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, 69, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 69, 166) }
```

Border

The CSS property to change the border of an element to XYZ 26.0243, 15.7801, 37.7506 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, 69, 166) }
```


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

```
.border{ border-color:rgb(172, 69, 166) }
```

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

Here you see how a box with a 4 pixel rgb(172, 69, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 69, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 69, 166);  
box-shadow:4px 4px 4px 4px rgb(172, 69,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0243, 15.7801, 37.7506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 69, 166) }
```

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

```
.background{ background-color: rgb(172, 69,  
166) }
```

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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