

Converting Colors

XYZ(26.0560, 15.6209, 39.9586)

Have a look what the booklet for
XYZ(26.0560, 15.6209, 39.9586)
contains.

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Color

**XYZ(26.2124, 15.7324,
40.1832)**

Conversions

Conversions Part 1

Format	Color
Hex	AB44AB
RGB	171, 68, 171
RGB Percent	67%, 27%, 67%
CMY	0.3294, 0.7333, 0.3294
CMYK	0.00, 0.60, 0.00, 0.33
HSL	300°, 43%, 47%
HSV	300°, 60%, 67%
XYZ	26.2124, 15.7324, 40.1832
YIQ	110.5390, 28.3250, 53.8690

Conversions

Conversions Part 2

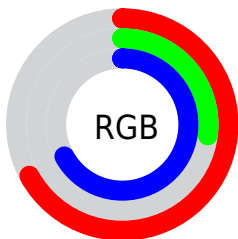
Format	Color
R_{YB}	171, 68, 171
Decimal	11224235
CIE _{Lab}	46.62, 55.54, -35.49
CIE _{LCh}	47, 65.908, 327.420
Yxy	15.7324, 0.3192, 0.1916
Android (android.graphics.Color)	4289414315 (0xFFAB44AB)
YUV	110.5390, 29.8073, 53.0243
Hunter-Lab	39.6641, 48.5513, -32.3011

Details

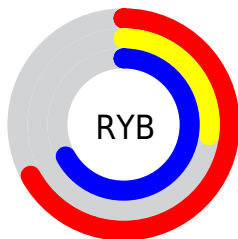
The XYZ color **26.2124, 15.7324, 40.1832** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **17.9909, 30.7728, 10.4612**, and the grayscale version is **14.8877, 15.6630, 17.0570**.

A 20% lighter version of the original color is **53.1378, 36.1231, 76.8448**, and **10.4725, 5.0210, 17.5567** is the 20% darker color. If you saturate the color by 10%, you get **25.3252, 13.9576, 39.8875**, and if you desaturate by 10%, it is **27.4023, 18.1118, 40.5800**.

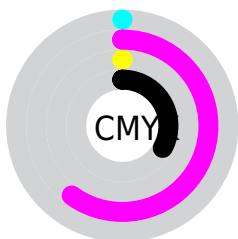
Distribution



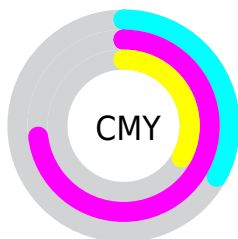
- Red (67%)
- Green (27%)
- Blue (67%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2124, 15.7324, 40.1832 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 26.2124, 15.7324, 40.1832 by changing the saturation by 10% instead.


 26.2124, 15.7324,
40.1832


 26.2124, 15.7324,
40.1832


276.0608,
227.7574, 362.4702


 17.1161, 9.3350,
27.3665


 53.0463, 36.1330,
76.6825


 10.4131, 4.9603,
17.6138


 71.5146, 50.9050,
101.2023


 5.7381, 2.2240,
10.5065


 93.8376, 69.2373,
130.4602

 2.7256, 0.7330,
5.6261

 120.3806, 91.5143,
164.8747

 1.0104, 0.0000,
2.5540

 151.5092,
118.1205, 204.8644

 0.0000, 0.0000,
0.8686

187.5884,

 0.0000, 0.0000,

149.4401, 250.8479

0.0000

228.9839,
185.8576, 303.2436

■ 26.2124, 15.7324,
40.1832

■ 26.2124, 15.7324,
40.1832

■ 25.3252, 13.9576,
39.8875

■ 27.4023, 18.1118,
40.5800

■ 24.7120, 12.7312,
39.6831

■ 28.9171, 21.1413,
41.0850

■ 24.3414, 11.9901,
39.5595

■ 30.7788, 24.8646,
41.7057

■ 24.1455, 11.5983,
39.4941

■ 33.0069, 29.3209,
42.4484

■ 35.6197, 34.5465,
43.3194

■ 38.6341, 40.5752,
44.3243

■ 42.0660, 47.4390,
45.4683

■ 45.9305, 55.1679,
46.7566

■ 50.2419, 63.7907,
48.1938

Harmonies

Analogous

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



20.5858, 15.7324, 62.7899



26.2124, 15.7324, 40.1832



28.7819, 15.7324, 18.5813

Triad

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



26.2124, 15.7324, 40.1832



15.4517, 15.7324, 1.0175



7.1853, 15.7324, 36.0176

Complementary

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



26.2124, 15.7324, 40.1832



17.9909, 30.7728, 10.4612

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.



6.4628, 15.7324, 15.7561



26.2124, 15.7324, 40.1832



10.4549, 15.7324, 1.6472

Square

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



26.2124, 15.7324, 40.1832



21.6610, 15.7324, 1.9618



7.4921, 15.7324, 5.1819



9.7964, 15.7324, 59.4920

Rectangle

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



26.2124, 15.7324, 40.1832



28.0284, 15.7324, 9.3503



7.4921, 15.7324, 5.1819



6.7478, 15.7324, 28.3420

Sweetspot

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



26.2130, 15.7331, 40.1835



59.9539, 54.1937, 76.3022



11.8024, 8.3042, 39.5095



13.0935, 11.5324, 16.9235



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.



26.2130, 15.7331, 40.1835



44.9719, 24.2298, 71.3075



22.2223, 14.1368, 19.1689



8.3371, 8.1481, 10.0860



18.2019, 8.7433, 29.7723



0.5064, 0.2432, 0.8282

Inverse Universe

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



26.2130, 15.7331, 40.1835



44.9719, 24.2298, 71.3075



20.3074, 31.6994, 22.6598



8.3371, 8.1481, 10.0860



18.2019, 8.7433, 29.7723



0.5064, 0.2432, 0.8282

Previews

White Background



This preview shows how the XYZ color 26.2124, 15.7324, 40.1832 looks on a white background.

Color Contrast Check

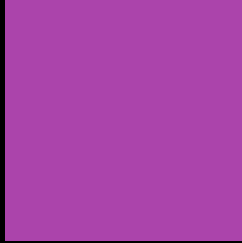
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2124, 15.7324, 40.1832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

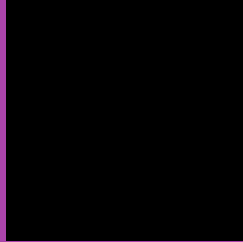
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.2124, 15.7324, 40.1832

Background



This preview shows how black text looks on a background with the XYZ color 26.2124, 15.7324, 40.1832.



This preview shows how white text looks on a background with the XYZ color 26.2124, 15.7324,

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

26.2124, 15.7324, 40.1832

Protanopia

18.4287, 16.1599, 61.1794

Deuteranopia

16.3013, 15.9069, 37.3331



Tritanopia

20.5840, 15.6707, 13.0062

Trichromacy



Original Color

26.2124, 15.7324, 40.1832

Protanomaly

18.9075, 14.4331, 52.8283

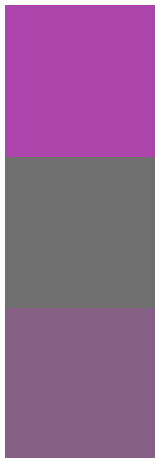
Deuteranomaly

18.5385, 14.8260, 38.4438

Tritanomaly

22.0346, 15.3143, 20.5335

Monochromacy



Original Color

26.2124, 15.7324, 40.1832

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.9987, 14.8644, 24.1108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2124, 15.7324, 40.1832 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, 68, 171)` looks like.

```
.text, #text, p{  
    color:rgb(171, 68, 171)  
}
```

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, 68, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 68, 171) }
```

Border

The CSS property to change the border of an element to XYZ 26.2124, 15.7324, 40.1832 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, 68, 171) }
```


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

```
.border{ border-color:rgb(171, 68, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 68, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 68, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 68, 171);  
box-shadow:4px 4px 4px 4px rgb(171, 68,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2124, 15.7324, 40.1832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 68, 171) }
```

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

```
.background{ background-color: rgb(171, 68,  
171) }
```

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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