

Converting Colors

XYZ(26.4341, 15.0356, 36.1593)

Have a look what the booklet for
XYZ(26.4341, 15.0356, 36.1593)
contains.

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Color

**XYZ(26.4341, 15.0356,
36.1593)**

Conversions

Conversions Part 1

Format	Color
Hex	B239A3
RGB	178, 57, 163
RGB Percent	70%, 22%, 64%
CMY	0.3020, 0.7764, 0.3608
CMYK	0.00, 0.68, 0.08, 0.30
HSL	307°, 51%, 46%
HSV	307°, 68%, 70%
XYZ	26.4341, 15.0356, 36.1593
YIQ	105.2630, 38.0900, 58.6180

Conversions

Conversions Part 2

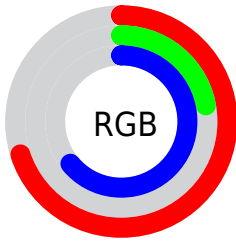
Format	Color
R_{YB}	178, 57, 163
Decimal	11680163
CIE _{Lab}	45.68, 60.50, -32.15
CIE _{LCh}	46, 68.509, 332.012
Yxy	15.0356, 0.3405, 0.1937
Android (android.graphics.Color)	4289870243 (0xFFB239A3)
YUV	105.2630, 28.4643, 63.7903
Hunter-Lab	38.7758, 53.8289, -28.1463

Details

The XYZ color **26.4341, 15.0356, 36.1593** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **18.7782, 33.1791, 11.5465**, and the grayscale version is **13.4173, 14.1161, 15.3724**.

A 20% lighter version of the original color is **53.2643, 34.9295, 70.2644**, and **10.8953, 5.2853, 15.4848** is the 20% darker color. If you saturate the color by 10%, you get **25.5074, 13.4956, 34.8834**, and if you desaturate by 10%, it is **27.6737, 17.1952, 37.5567**.

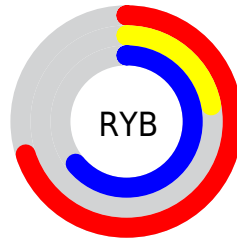
Distribution



Red (70%)

Green (22%)

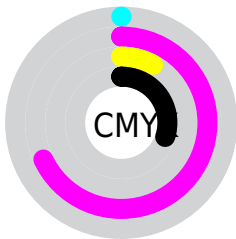
Blue (64%)



Red (70%)

Yellow (22%)

Blue (64%)

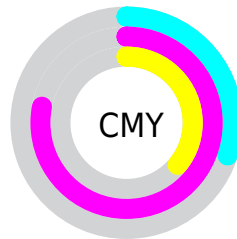


Cyan (0%)

Magenta (68%)

Yellow (8%)

Black (30%)



Cyan (30%)


Magenta (78%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4341, 15.0356, 36.1593 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 26.4341, 15.0356, 36.1593 by changing the saturation by 10% instead.


 26.4341, 15.0356,
36.1593


 26.4341, 15.0356,
36.1593


277.1244,
223.5816, 344.7147


 17.2831, 8.8444,
24.2666


 53.4008, 34.9156,
70.4497

 10.5331, 4.6398,
15.3175


 71.9471, 49.3732,
93.6844


 5.8188, 2.0375,
8.8934


 94.3559, 67.3550,
121.5369

 2.7748, 0.6291,
4.5759

 120.9925, 89.2455,
154.4257

 1.0358, 0.0000,
1.9463

 152.2223,
115.4290, 192.7694

 0.0000, 0.0000,
0.5219

188.4106,

 0.0000, 0.0000,

146.2899, 236.9864

0.0000

229.9229,
182.2126, 287.4953

■ 26.4341, 15.0356,
36.1593

■ 26.4341, 15.0356,
36.1593

■ 25.5074, 13.4956,
34.8834

■ 27.6737, 17.1952,
37.5567

■ 24.8582, 12.5053,
33.7169

■ 29.2536, 20.0302,
39.0846

■ 24.4324, 11.9566,
32.6416

■ 31.2001, 23.5928,
40.7519

■ 24.3554, 11.8631,
32.4289

■ 33.5363, 27.9293,
42.5663

■ 36.2835, 33.0823,
44.5351

■ 39.4616, 39.0910,
46.6650

■ 43.0888, 45.9926,
48.9621

■ 47.1826, 53.8215,
51.4323

■ 51.7594, 62.6107,
54.0813

Harmonies

Analogous

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



20.9833, 15.0356, 60.5203



26.4341, 15.0356, 36.1593



28.4184, 15.0356, 15.2853

Triad

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



26.4341, 15.0356, 36.1593



13.9065, 15.0356, 0.7199



6.8212, 15.0356, 39.5217

Complementary

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



26.4341, 15.0356, 36.1593



18.7782, 33.1791, 11.5465

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.



5.8495, 15.0356, 17.5074



26.4341, 15.0356, 36.1593



9.1983, 15.0356, 1.5297

Square

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



26.4341, 15.0356, 36.1593



20.1273, 15.0356, 1.3121



6.5870, 15.0356, 5.5600



9.7082, 15.0356, 63.2153

Rectangle

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



26.4341, 15.0356, 36.1593



27.1743, 15.0356, 7.1457



6.5870, 15.0356, 5.5600



6.3009, 15.0356, 31.3228

Sweetspot

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



26.4346, 15.0363, 36.1596



64.5463, 57.6378, 79.8881



12.1069, 7.4855, 42.9267



13.9876, 12.1827, 17.4772



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.



26.4346, 15.0363, 36.1596



45.5566, 23.3805, 62.0833



22.2914, 13.3790, 14.3417



8.8038, 8.6282, 10.4651



17.4422, 8.4944, 23.2861



0.5614, 0.2723, 0.7993

Inverse Universe

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



26.4346, 15.0363, 36.1596



45.5566, 23.3805, 62.0833



21.7471, 34.3667, 27.1808



8.8038, 8.6282, 10.4651



17.4422, 8.4944, 23.2861



0.5614, 0.2723, 0.7993

Previews

White Background



This preview shows how the XYZ color 26.4341, 15.0356, 36.1593 looks on a white background.

Color Contrast Check

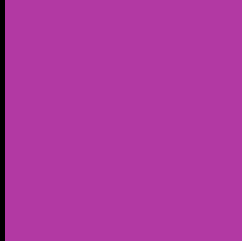
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4341, 15.0356, 36.1593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

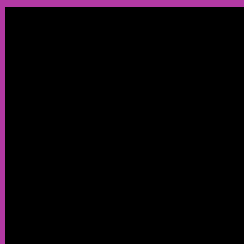
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.4341, 15.0356, 36.1593

Background



This preview shows how black text looks on a background with the XYZ color 26.4341, 15.0356, 36.1593.



This preview shows how white text looks on a background with the XYZ color 26.4341, 15.0356,

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

26.4341, 15.0356, 36.1593

Protanopia

17.8159, 15.5486, 60.4547

Deuteranopia

15.5933, 15.3158, 33.1447



Tritanopia

21.1997, 15.1028, 10.6019

Trichromacy



Original Color

26.4341, 15.0356, 36.1593



Protanomaly

17.9296, 13.3498, 50.3470



Deuteranomaly

17.9123, 13.8243, 34.0720



Tritanomaly

22.5882, 14.7339, 17.5730

Monochromacy



Original Color

26.4341, 15.0356, 36.1593



Achromatopsia

13.4271, 14.1263, 15.3836



Achromatomaly

16.7713, 13.3913, 21.4395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4341, 15.0356, 36.1593 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(178, 57, 163)` looks like.

```
.text, #text, p{  
  color:rgb(178, 57, 163)  
}
```

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(178, 57, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 57, 163) }
```

Border

The CSS property to change the border of an element to XYZ 26.4341, 15.0356, 36.1593 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(178, 57, 163) }
```


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

```
.border{ border-color:rgb(178, 57, 163) }
```

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

Here you see how a box with a 4 pixel rgb(178, 57, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 57, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 57, 163);  
box-shadow:4px 4px 4px 4px rgb(178, 57,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4341, 15.0356, 36.1593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 57, 163) }
```

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

```
.background{ background-color: rgb(178, 57,  
163) }
```

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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