

Converting Colors

XYZ(25.1081, 15.3906, 29.6738)

Have a look what the booklet for
XYZ(25.1081, 15.3906, 29.6738)
contains.

XYZ(25.0916, 15.3863, 29.6644)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.0916, 15.3863,
29.6644)**

Conversions

Conversions Part 1

Format	Color
Hex	AF4494
RGB	175, 68, 148
RGB Percent	69%, 27%, 58%
CMY	0.3137, 0.7333, 0.4196
CMYK	0.00, 0.61, 0.15, 0.31
HSL	315°, 44%, 48%
HSV	315°, 61%, 69%
XYZ	25.0916, 15.3863, 29.6644
YIQ	109.1130, 38.0920, 47.5640

Conversions

Conversions Part 2

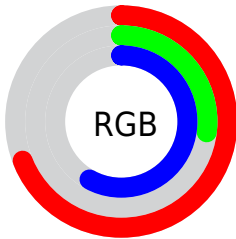
Format	Color
R _Y B	175, 68, 148
Decimal	11486356
CIE Lab	46.16, 52.82, -22.48
CIE LCh	46, 57.410, 336.943
Yxy	15.3863, 0.3577, 0.2194
Android (android.graphics.Color)	4289676436 (0xFFAF4494)
YUV	109.1130, 19.1713, 57.7829
Hunter-Lab	39.2254, 45.5381, -17.3806

Details

The XYZ color **25.0916, 15.3863, 29.6644** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **19.7801, 32.7156, 16.1000**, and the grayscale version is **14.5082, 15.2638, 16.6223**.

A 20% lighter version of the original color is **51.2245, 35.5070, 60.0308**, and **9.7654, 4.7850, 11.7182** is the 20% darker color. If you saturate the color by 10%, you get **23.8440, 13.4396, 27.5567**, and if you desaturate by 10%, it is **26.6694, 17.9716, 31.9482**.

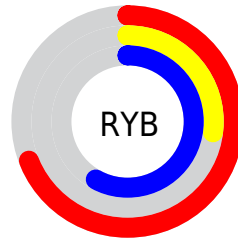
Distribution



Red (69%)

Green (27%)

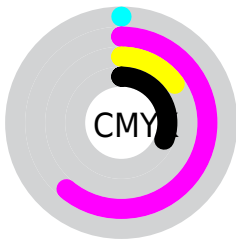
Blue (58%)



Red (69%)

Yellow (27%)

Blue (58%)

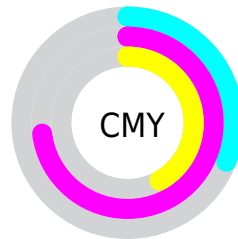


Cyan (0%)

Magenta (61%)

Yellow (15%)

Black (31%)



Cyan (31%)

Magenta (73%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0916, 15.3863, 29.6644 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 25.0916, 15.3863, 29.6644 by changing the saturation by 10% instead.

■ 25.0916, 15.3863,
29.6644

■ 25.0916, 15.3863,
29.6644

270.6330,
225.6926, 314.4955

■ 16.2744, 9.0909,
19.3341

■ 51.2476, 35.5295,
60.1858

■ 9.8106, 4.8006,
11.7327

■ 69.3171, 50.1460,
81.2139

■ 5.3349, 2.1307,
6.4416

■ 91.2015, 68.3052,
106.6451

■ 2.4818, 0.6818,
3.0423

■ 117.2660, 90.3912,
136.8979

■ 0.8861, 0.0000,
1.1163

■ 147.8761,
116.7886, 172.3907

■ 0.0000, 0.0000,
0.0000

183.3970,

147.8817, 213.5423

224.1942,
184.0549, 260.7710

■ 25.0916, 15.3863,
29.6644

■ 25.0916, 15.3863,
29.6644

■ 23.8440, 13.4396,
27.5567

■ 26.6694, 17.9716,
31.9482

■ 22.8958, 12.0710,
25.6138

■ 28.6016, 21.2442,
34.4165

■ 22.2131, 11.2124,
23.8238

■ 30.9117, 25.2509,
37.0781

■ 21.7652, 10.7484,
22.3433

■ 33.6208, 30.0335,
39.9405

■ 36.7484, 35.6307,
43.0110

■ 40.3125, 42.0788,
46.2963

■ 44.3304, 49.4116,
49.8028

■ 48.8182, 57.6612,
53.5364

■ 53.7912, 66.8582,
57.5030

Harmonies

Analogous

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



21.0332, 15.3863, 48.7987



25.0916, 15.3863, 29.6644



26.0818, 15.3863, 13.7047

Triad

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



25.0916, 15.3863, 29.6644



13.5170, 15.3863, 1.7199



8.3240, 15.3863, 38.7036

Complementary

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



25.0916, 15.3863, 29.6644



19.7801, 32.7156, 16.1000

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.



7.1365, 15.3863, 20.2230



25.0916, 15.3863, 29.6644



9.6705, 15.3863, 3.1330

Square

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



25.0916, 15.3863, 29.6644



18.6236, 15.3863, 2.1846



7.5676, 15.3863, 8.2662



11.2427, 15.3863, 55.7423

Rectangle

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



25.0916, 15.3863, 29.6644



24.7074, 15.3863, 7.2754



7.5676, 15.3863, 8.2662



7.7426, 15.3863, 32.1528

Sweetspot

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



25.0921, 15.3870, 29.6647



61.7203, 56.4734, 73.0488



14.4992, 9.6498, 41.6561



13.3790, 11.9478, 15.8945



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.0921, 15.3870, 29.6647



42.1184, 23.1987, 48.2359



21.8012, 14.0707, 12.3348



8.2494, 8.1130, 9.6242



15.6123, 7.7075, 16.1358



0.4546, 0.2225, 0.5558

Inverse Universe

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



25.0921, 15.3870, 29.6647



42.1184, 23.1987, 48.2359



23.0796, 34.0354, 33.4746



8.2494, 8.1130, 9.6242



15.6123, 7.7075, 16.1358



0.4546, 0.2225, 0.5558

Previews

White Background



This preview shows how the XYZ color 25.0916, 15.3863, 29.6644 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

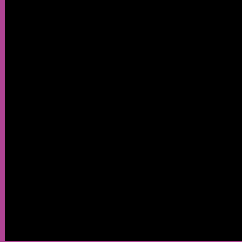
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.0916, 15.3863, 29.6644

Background



This preview shows how black text looks on a background with the XYZ color 25.0916, 15.3863, 29.6644.



This preview shows how white text looks on a background with the XYZ color 25.0916, 15.3863,

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

25.0916, 15.3863, 29.6644

Protanopia

16.9941, 15.7697, 45.3282

Deuteranopia

15.9540, 15.6212, 27.7655



Tritanopia

21.2586, 15.3428, 11.2922

Trichromacy



Original Color

25.0916, 15.3863, 29.6644

Protanomaly

18.0525, 14.3007, 38.8546

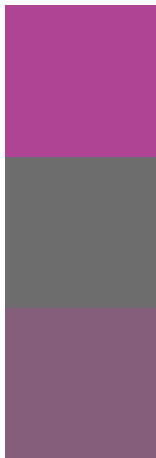
Deuteranomaly

18.1543, 14.5881, 28.2445

Tritanomaly

22.3334, 15.2325, 16.5149

Monochromacy



Original Color

25.0916, 15.3863, 29.6644

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

17.2507, 14.4220, 20.6134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0916, 15.3863, 29.6644 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(175, 68, 148)` looks like.

```
.text, #text, p{  
    color:rgb(175, 68, 148)  
}
```

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(175, 68, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 68, 148) }
```

Border

The CSS property to change the border of an element to XYZ 25.0916, 15.3863, 29.6644 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(175, 68, 148) }
```


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

```
.border{ border-color:rgb(175, 68, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 68, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 68, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 68, 148);  
box-shadow:4px 4px 4px 4px rgb(175, 68,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0916, 15.3863, 29.6644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 68, 148) }
```

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

```
.background{ background-color: rgb(175, 68,  
148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor