

Converting Colors

XYZ(29.3828, 18.7158, 53.6936)

Have a look what the booklet for
XYZ(29.3828, 18.7158, 53.6936)
contains.

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Color

**XYZ(29.3828, 18.7158,
53.6936)**

Conversions

Conversions Part 1

Format	Color
Hex	A954C3
RGB	169, 84, 195
RGB Percent	66%, 33%, 76%
CMY	0.3372, 0.6706, 0.2353
CMYK	0.13, 0.57, 0.00, 0.24
HSL	286°, 48%, 55%
HSV	286°, 57%, 76%
XYZ	29.3828, 18.7158, 53.6936
YIQ	122.0690, 15.0290, 52.5410

Conversions

Conversions Part 2

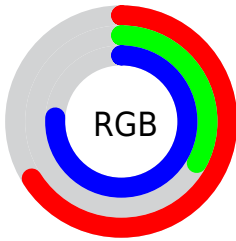
Format	Color
R _{YB}	169, 84, 195
Decimal	11097283
CIE _{Lab}	50.35, 52.08, -43.61
CIE _{LCh}	50, 67.924, 320.058
Yxy	18.7158, 0.2887, 0.1839
Android (android.graphics.Color)	4289287363 (0xFFA954C3)
YUV	122.0690, 35.9550, 41.1585
Hunter-Lab	43.2618, 45.5267, -43.3035

Details

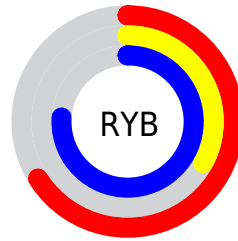
The XYZ color **29.3828, 18.7158, 53.6936** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **27.5463, 42.9857, 15.2335**, and the grayscale version is **18.4048, 19.3633, 21.0866**.

A 20% lighter version of the original color is **57.8804, 41.0883, 96.9757**, and **12.1865, 6.3792, 25.7883** is the 20% darker color. If you saturate the color by 10%, you get **27.1119, 15.6028, 53.2127**, and if you desaturate by 10%, it is **32.1106, 22.6904, 54.3173**.

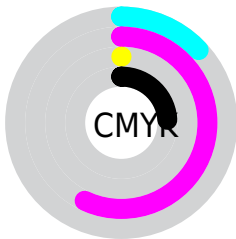
Distribution



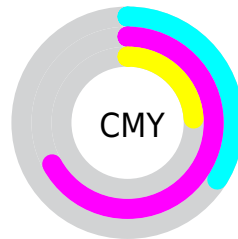
- Red (66%)
- Green (33%)
- Blue (76%)



- Red (66%)
- Yellow (33%)
- Blue (76%)



- Cyan (13%)
- Magenta (57%)
- Yellow (0%)
- Black (24%)



- Cyan (34%)
- Magenta (67%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3828, 18.7158, 53.6936 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 29.3828, 18.7158, 53.6936 by changing the saturation by 10% instead.

■ 29.3828, 18.7158,
53.6936

■ 29.3828, 18.7158,
53.6936

290.9786,
244.8753, 418.0821

■ 19.5163, 11.4651,
37.9652

■ 58.0781, 41.2533,
97.0761

■ 12.1502, 6.3806,
25.6541

■ 77.6376, 57.3089,
125.5673

■ 6.9190, 3.0779,
16.3416

■ 101.1589, 77.0683,
159.1499

■ 3.4573, 1.1725,
9.6092

■ 129.0072,
100.9158, 198.2423

■ 1.4000, 0.0391,
5.0384

■ 161.5480,
129.2359, 243.2632

■ 0.2562, 0.0000,
2.2107

199.1466,

■ 0.0000, 0.0000,

162.4129, 294.6311

0.6805

242.1683,
200.8312, 352.7646

■ 0.0000, 0.0000,
0.0000

■ 29.3828, 18.7158,
53.6936

■ 29.3828, 18.7158,
53.6936

■ 27.1119, 15.6028,
53.2127

■ 32.1106, 22.6904,
54.3173

■ 25.2594, 13.2770,
52.8614

■ 35.3253, 27.5882,
55.0932

■ 23.7839, 11.6553,
52.6262

■ 39.0567, 33.4675,
56.0314

■ 22.6283, 10.6241,
52.4881

■ 43.3315, 40.3813,
57.1406

■ 22.3042, 10.3604,
52.4542

■ 48.1745, 48.3787,
58.4290

■ 53.6089, 57.5057,
59.9043

■ 59.6566, 67.8055,
61.5736

■ 66.3382, 79.3191,
63.4438

■ 72.2198, 89.1778,
65.0367

Harmonies

Analogous

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



22.4994, 18.7158, 77.0260



29.3828, 18.7158, 53.6936



33.4207, 18.7158, 27.3095

Triad

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



29.3828, 18.7158, 53.6936



20.0679, 18.7158, 1.4584



8.3418, 18.7158, 35.5347

Complementary

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



29.3828, 18.7158, 53.6936



27.5463, 42.9857, 15.2335

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.



7.9976, 18.7158, 14.7320



29.3828, 18.7158, 53.6936



13.7864, 18.7158, 1.7630

Square

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



29.3828, 18.7158, 53.6936



27.2295, 18.7158, 3.2949



9.7335, 18.7158, 4.8290



10.8295, 18.7158, 62.7983

Rectangle

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



29.3828, 18.7158, 53.6936



33.4139, 18.7158, 14.6736



9.7335, 18.7158, 4.8290



8.0002, 18.7158, 27.3977

Sweetspot

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



29.3835, 18.7166, 53.6940



77.3283, 71.8677, 102.2660



19.2738, 17.3590, 53.9648



16.5740, 15.1513, 22.3009



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



29.3835, 18.7166, 53.6940



47.7893, 26.9425, 95.1514



32.6747, 20.7427, 38.9627



10.2592, 10.1248, 12.6984



14.5735, 6.7734, 34.0959



0.6871, 0.3223, 1.4759

Inverse Universe

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



28.4910, 19.0693, 16.9317



46.6853, 28.0127, 21.0335



26.0826, 42.0798, 22.0047



10.1677, 10.1157, 10.9738



14.9714, 7.6783, 2.4955



0.6746, 0.3428, 0.2536

Previews

White Background



This preview shows how the XYZ color 29.3828, 18.7158, 53.6936 looks on a white 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

Black Background



This preview shows how the XYZ color 29.3828, 18.7158, 53.6936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

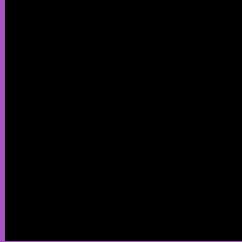
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.3828, 18.7158, 53.6936

Background



This preview shows how black text looks on a background with the XYZ color 29.3828, 18.7158, 53.6936.



This preview shows how white text looks on a background with the XYZ color 29.3828, 18.7158,

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

29.3828, 18.7158, 53.6936

Protanopia

22.0132, 19.2057, 74.4983

Deuteranopia

19.4497, 18.9486, 50.2093



Tritanopia

22.0959, 18.6911, 18.3627

Trichromacy



Original Color

29.3828, 18.7158, 53.6936



Protanomaly

22.5728, 17.7188, 66.5203



Deuteranomaly

21.7319, 17.9218, 51.6041



Tritanomaly

24.0235, 18.2956, 28.2518

Monochromacy



Original Color

29.3828, 18.7158, 53.6936



Achromatopsia

18.4984, 19.4618, 21.1939



Achromatomaly

21.4348, 18.3840, 30.8525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3828, 18.7158, 53.6936 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(169, 84, 195)` looks like.

```
.text, #text, p{  
    color:rgb(169, 84, 195)  
}
```

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(169, 84, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 84, 195) }
```

Border

The CSS property to change the border of an element to XYZ 29.3828, 18.7158, 53.6936 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(169, 84, 195) }
```


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

```
.border{ border-color:rgb(169, 84, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 84, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 84, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 84, 195);  
box-shadow:4px 4px 4px 4px rgb(169, 84,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3828, 18.7158, 53.6936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 84, 195) }
```

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

```
.background{ background-color: rgb(169, 84,  
195) }
```

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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