

Converting Colors

XYZ(51.2647, 39.8767, 29.9368)

Have a look what the booklet for
XYZ(51.2647, 39.8767, 29.9368)
contains.

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Color

**XYZ(51.0739, 39.7043,
29.7828)**

Conversions

Conversions Part 1

Format	Color
Hex	F38C8C
RGB	243, 140, 140
RGB Percent	95%, 55%, 55%
CMY	0.0471, 0.4510, 0.4510
CMYK	0.00, 0.42, 0.42, 0.05
HSL	0°, 81%, 75%
HSV	0°, 42%, 95%
XYZ	51.0739, 39.7043, 29.7828
YIQ	170.7970, 61.3880, 21.8360

Conversions

Conversions Part 2

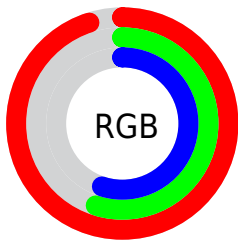
Format	Color
R _Y B	243, 140, 140
Decimal	15961228
CIE Lab	69.26, 39.00, 17.17
CIE LCh	69, 42.616, 23.760
Yxy	39.7043, 0.4236, 0.3293
Android (android.graphics.Color)	4294151308 (0xFFFF38C8C)
YUV	170.7970, -15.1829, 63.3220
Hunter-Lab	63.0113, 34.4135, 16.0841

Details

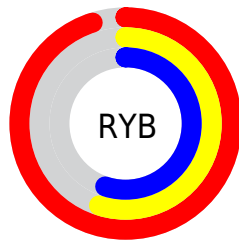
The XYZ color **51.0739, 39.7043, 29.7828** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.0420, 76.1445, 96.3795**, and the grayscale version is **38.6600, 40.6734, 44.2933**.

A 20% lighter version of the original color is **70.4927, 64.1853, 59.7126**, and **25.1024, 17.9080, 11.8064** is the 20% darker color. If you saturate the color by 10%, you get **46.3090, 32.7323, 20.3092**, and if you desaturate by 10%, it is **57.0204, 48.4063, 41.6028**.

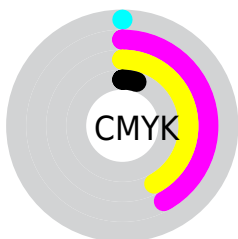
Distribution



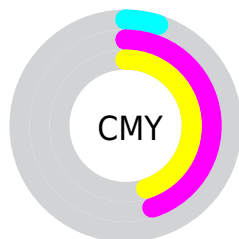
- Red (95%)
- Green (55%)
- Blue (55%)



- Red (95%)
- Yellow (55%)
- Blue (55%)



- Cyan (0%)
- Magenta (42%)
- Yellow (42%)
- Black (5%)





- Cyan (5%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0739, 39.7043, 29.7828 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 51.0739, 39.7043, 29.7828 by changing the saturation by 10% instead.


 51.0739, 39.7043,
29.7828


 51.0739, 39.7043,
29.7828


381.2338,
344.8757, 315.0664


 36.4887, 27.3081,
19.4231

 90.9463, 74.7130,
60.3755

 24.9837, 17.8047,
11.7965

 116.9643, 98.0943,
81.4455

 16.1936, 10.8099,
6.4844

 147.5239,
125.9060, 106.9228

 9.7530, 5.9391,
3.0683

182.9905,
158.5327, 137.2259

 5.2965, 2.8081,
1.1296

223.7294,
196.3585, 172.7732

 2.4588, 1.0324,
0.0000

270.1060,

 0.8745, 0.0000,

239.7681, 213.9834

0.0000

322.4857,
289.1456, 261.2750

0.0000, 0.0000,
0.0000

51.0739, 39.7043,
29.7828

51.0739, 39.7043,
29.7828

46.3090, 32.7323,
20.3092

57.0204, 48.4063,
41.6028

42.6440, 27.3693,
13.0237

64.2168, 58.9366,
55.9088

39.9920, 23.4886,
7.7521

72.7297, 71.3934,
72.8321

38.2516, 20.9418,
4.2925

82.6202, 85.8660,
92.4942

37.3002, 19.5495,
2.4015

90.7721, 97.7947,
108.6998

■ 36.9623, 19.0550,
1.7298

Harmonies

Analogous

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



52.3507, 39.7043, 47.4480



51.0739, 39.7043, 29.7828



46.0431, 39.7043, 19.4439

Triad

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



51.0739, 39.7043, 29.7828



28.1084, 39.7043, 24.5957



36.3287, 39.7043, 92.4139

Complementary

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



51.0739, 39.7043, 29.7828



59.0420, 76.1445, 96.3795

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.



30.4965, 39.7043, 81.2003



51.0739, 39.7043, 29.7828



26.1336, 39.7043, 39.2720

Square

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



51.0739, 39.7043, 29.7828



32.6914, 39.7043, 17.1422



26.9521, 39.7043, 60.2187



43.2783, 39.7043, 87.5818

Rectangle

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



51.0739, 39.7043, 29.7828



41.5296, 39.7043, 16.2479



26.9521, 39.7043, 60.2187



34.1840, 39.7043, 90.3101

Sweetspot

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



51.0749, 39.7063, 29.7835



80.4866, 78.6897, 79.9484



62.5181, 44.2823, 90.0463



16.7544, 16.1506, 16.1719



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.



51.0749, 39.7063, 29.7835



52.2666, 37.3957, 23.8486



60.4360, 58.4285, 32.9039



16.4993, 16.4827, 17.1094



20.2863, 10.4581, 0.9494



1.7830, 0.9192, 0.0835

Inverse Universe

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



59.0420, 76.1445, 96.3795



62.2579, 83.0918, 107.3647



45.7332, 49.5269, 91.9433



16.9967, 18.7577, 21.2673



26.4673, 38.7284, 52.6184



2.3262, 3.4039, 4.6246

Previews

White Background



This preview shows how the XYZ color 51.0739, 39.7043, 29.7828 looks on a white background.

Color Contrast Check

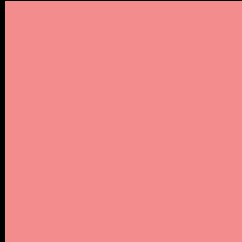
Large Text (above 18pt) WCAG AA × Fail

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 51.0739, 39.7043, 29.7828 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 ✓ Pass

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

XYZ 51.0739, 39.7043, 29.7828

Background



This preview shows how black text looks on a background with the XYZ color 51.0739, 39.7043, 29.7828.



This preview shows how white text looks on a background with the XYZ color 51.0739, 39.7043,

29.7828.

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

51.0739, 39.7043, 29.7828

Protanopia

38.0089, 39.9726, 36.7225

Deuteranopia

40.5671, 39.8423, 28.8448



Tritanopia

51.9657, 39.8683, 33.3902

Trichromacy



Original Color

51.0739, 39.7043, 29.7828

Protanomaly

41.5513, 38.9351, 34.1794

Deuteranomaly

43.9683, 39.5450, 28.9825

Tritanomaly

51.7292, 39.7737, 32.1448

Monochromacy



Original Color

51.0739, 39.7043, 29.7828

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

41.9419, 39.5500, 38.6810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0739, 39.7043, 29.7828 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(243, 140, 140)` looks like.

```
.text, #text, p{  
    color:rgb(243, 140, 140)  
}
```

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(243, 140, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 140, 140) }
```

Border

The CSS property to change the border of an element to XYZ 51.0739, 39.7043, 29.7828 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(243, 140, 140) }
```


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

```
.border{ border-color:rgb(243, 140, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 140, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 140, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 140, 140);  
box-shadow:4px 4px 4px 4px rgb(243, 140,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0739, 39.7043, 29.7828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 140, 140) }
```

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

```
.background{ background-color: rgb(243,  
140, 140) }
```

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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