

Converting Colors

XYZ(50.5028, 29.1324, 38.0676)

Have a look what the booklet for
XYZ(50.5028, 29.1324, 38.0676)
contains.

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Color

**XYZ(50.5253, 29.1092,
38.0776)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4CA4
RGB	255, 76, 164
RGB Percent	100%, 30%, 64%
CMY	0.0000, 0.7019, 0.3569
CMYK	0.00, 0.70, 0.36, 0.00
HSL	331°, 100%, 65%
HSV	331°, 70%, 100%
XYZ	50.5253, 29.1092, 38.0776
YIQ	139.5530, 78.4360, 65.3160

Conversions

Conversions Part 2

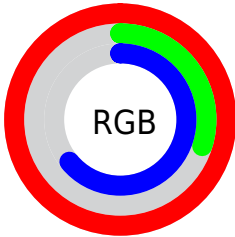
Format	Color
R_{YB}	255, 76, 164
Decimal	16731300
CIE _{Lab}	60.88, 73.67, -8.36
CIE _{LCh}	61, 74.138, 353.526
Yxy	29.1092, 0.4292, 0.2473
Android (android.graphics.Color)	4294921380 (0xFFFF4CA4)
YUV	139.5530, 12.0524, 101.2470
Hunter-Lab	53.9529, 72.7422, -4.0772

Details

The XYZ color **50.5253, 29.1092, 38.0776** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **45.7174, 75.8474, 48.7947**, and the grayscale version is **24.6893, 25.9751, 28.2869**.

A 20% lighter version of the original color is **62.9718, 44.2658, 72.2430**, and **24.9169, 12.5073, 16.4301** is the 20% darker color. If you saturate the color by 10%, you get **47.9914, 25.8207, 31.7480**, and if you desaturate by 10%, it is **53.8758, 33.8398, 45.2688**.

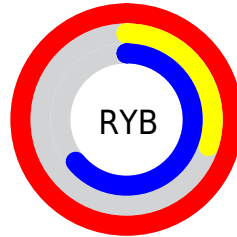
Distribution



Red (100%)

Green (30%)

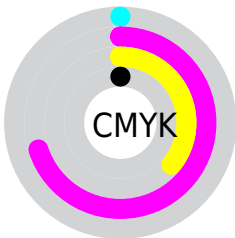
Blue (64%)



Red (100%)

Yellow (30%)

Blue (64%)

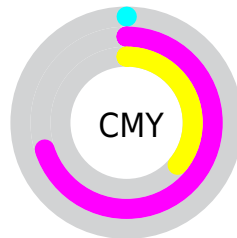


Cyan (0%)

Magenta (70%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (70%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5253, 29.1092, 38.0776 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 50.5253, 29.1092, 38.0776 by changing the saturation by 10% instead.

 50.5253, 29.1092,
38.0776


 50.5253, 29.1092,
38.0776


379.1348,
297.7298, 353.2609


 36.0505, 19.1634,
25.7406


 90.1399, 58.2505,
73.4318


 24.6435, 11.7884,
16.4057


 116.0103, 78.2149,
97.2861

 15.9389, 6.5998,
9.6542


 146.4100,
102.2876, 125.8166

 9.5715, 3.2131,
5.0677

 181.7043,
130.8530, 159.4418

 5.1759, 1.2440,
2.2276

222.2586,
164.2956, 198.5804

 2.3866, 0.0972,
0.6902

268.4382,

 0.8385, 0.0000,

202.9996, 243.6507

0.0000

320.6085,
247.3496, 295.0713

■ 0.0000, 0.0000,
0.0000

■ 50.5253, 29.1092,
38.0776

■ 50.5253, 29.1092,
38.0776

■ 47.9914, 25.8207,
31.7480

■ 53.8758, 33.8398,
45.2688

■ 46.1805, 23.7928,
26.2304


■ 58.1173, 40.1562,
53.3625

■ 44.9645, 22.7498,
21.5427

■ 63.3182, 48.1894,
62.3978

■ 69.5389, 58.0557,
72.4104

■ 76.8349, 69.8608,
83.4337

 85.2574, 83.7027,
95.4994

94.8542, 99.6724,
108.6374

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



45.4481, 29.1092, 74.9878



50.5253, 29.1092, 38.0776



48.4258, 29.1092, 14.8527

Triad

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



50.5253, 29.1092, 38.0776



20.8970, 29.1092, 3.6644



18.0313, 29.1092, 96.5811

Complementary

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



50.5253, 29.1092, 38.0776



45.7174, 75.8474, 48.7947

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.



13.8946, 29.1092, 58.0169



50.5253, 29.1092, 38.0776



15.2600, 29.1092, 9.4264

Square

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



50.5253, 29.1092, 38.0776



29.8145, 29.1092, 2.7786



13.0135, 29.1092, 26.0687



25.6260, 29.1092, 119.3502

Rectangle

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



50.5253, 29.1092, 38.0776



43.4344, 29.1092, 7.3652



13.0135, 29.1092, 26.0687



16.2689, 29.1092, 84.2426

Sweetspot

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



50.5261, 29.1107, 38.0781



76.2040, 68.8323, 82.5045



36.2576, 20.4440, 96.6428



15.8613, 14.0022, 16.9908



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.



50.5261, 29.1107, 38.0781



47.2220, 24.9105, 29.5538



45.1301, 26.9523, 9.6632



18.3816, 18.1360, 20.6267



23.5699, 11.9173, 11.6516



2.3499, 1.1824, 1.4242

Inverse Universe

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



50.5261, 29.1107, 38.0781



47.2220, 24.9105, 29.5538



56.7914, 80.2769, 107.1095



18.3816, 18.1360, 20.6267



23.5699, 11.9173, 11.6516



2.3499, 1.1824, 1.4242

Previews

White Background



This preview shows how the XYZ color 50.5253, 29.1092, 38.0776 looks on a white background.

Color Contrast Check

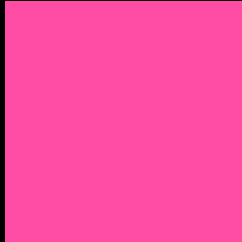
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.5253, 29.1092, 38.0776 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 50.5253, 29.1092, 38.0776

Background



This preview shows how black text looks on a background with the XYZ color 50.5253, 29.1092, 38.0776.



This preview shows how white text looks on a background with the XYZ color 50.5253, 29.1092,

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

50.5253, 29.1092, 38.0776

Protanopia

30.5107, 29.4160, 65.0425

Deuteranopia

29.8394, 29.2806, 35.0894



Tritanopia

45.5433, 29.0345, 14.7591

Trichromacy



Original Color

50.5253, 29.1092, 38.0776



Protanomaly

33.7977, 26.2819, 53.7437



Deuteranomaly

34.7607, 26.9997, 35.7271



Tritanomaly

47.0659, 28.9170, 21.5132

Monochromacy



Original Color

50.5253, 29.1092, 38.0776



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

31.0775, 24.8376, 31.5899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5253, 29.1092, 38.0776 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(255, 76, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 76, 164)  
}
```

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(255, 76, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 76, 164) }
```

Border

The CSS property to change the border of an element to XYZ 50.5253, 29.1092, 38.0776 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(255, 76, 164) }
```


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

```
.border{ border-color:rgb(255, 76, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 76, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 76, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 76, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 76,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5253, 29.1092, 38.0776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 76, 164) }
```

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

```
.background{ background-color: rgb(255, 76,  
164) }
```

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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