

Converting Colors

XYZ(50.9577, 30.3191, 42.0853)

Have a look what the booklet for
XYZ(50.9577, 30.3191, 42.0853)
contains.

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Color

**XYZ(50.9191, 30.3296,
42.2002)**

Conversions

Conversions Part 1

Format	Color
Hex	FC56AC
RGB	252, 86, 172
RGB Percent	99%, 34%, 67%
CMY	0.0118, 0.6627, 0.3255
CMYK	0.00, 0.66, 0.32, 0.01
HSL	329°, 97%, 66%
HSV	329°, 66%, 99%
XYZ	50.9191, 30.3296, 42.2002
YIQ	145.4380, 71.3300, 61.9380

Conversions

Conversions Part 2

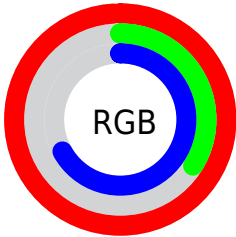
Format	Color
RYB	252, 86, 172
Decimal	16537260
CIELab	61.94, 70.15, -11.44
CIElCh	62, 71.075, 350.734
Yxy	30.3296, 0.4125, 0.2457
Android (android.graphics.Color)	4294727340 (0xFFFC56AC)
YUV	145.4380, 13.0951, 93.4549
Hunter-Lab	55.0723, 68.6621, -6.8815

Details

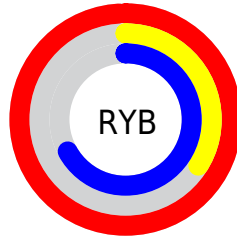
The XYZ color **50.9191, 30.3296, 42.2002** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **45.5329, 74.3534, 48.0327**, and the grayscale version is **27.0214, 28.4286, 30.9588**.

A 20% lighter version of the original color is **65.2305, 47.0568, 78.3179**, and **24.8869, 12.4541, 18.8615** is the 20% darker color. If you saturate the color by 10%, you get **48.1361, 26.5457, 35.7782**, and if you desaturate by 10%, it is **54.5194, 35.5770, 49.4211**.

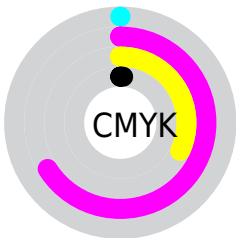
Distribution



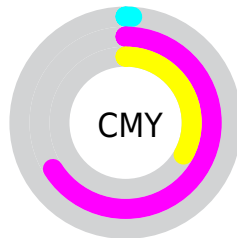
- Red (99%)
- Green (34%)
- Blue (67%)



- Red (99%)
- Yellow (34%)
- Blue (67%)



- Cyan (0%)
- Magenta (66%)
- Yellow (32%)
- Black (1%)





- Cyan (1%)
- Magenta (66%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9191, 30.3296, 42.2002 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 50.9191, 30.3296, 42.2002 by changing the saturation by 10% instead.


 50.9191, 30.3296,
42.2002

 50.9191, 30.3296,
42.2002

380.6422,
303.4378, 371.1363


 36.3650, 20.0889,
28.9313


 90.7189, 60.1830,
79.7759


 24.8876, 12.4597,
18.7838


 116.6953, 80.5646,
104.9198

 16.1217, 7.0576,
11.3389

 147.2098,
105.0951, 134.8591

 9.7017, 3.4981,
6.1782

 182.6279,
134.1592, 170.0125

 5.2624, 1.3970,
2.8832

223.3148,
168.1411, 210.7983

 2.4383, 0.2145,
1.0353

269.6359,

 0.8643, 0.0000,

207.4252, 257.6352

0.0000

321.9566,
252.3960, 310.9417

■ 0.0000, 0.0000,
0.0000

■ 50.9191, 30.3296,
42.2002

■ 50.9191, 30.3296,
42.2002

■ 48.1361, 26.5457,
35.7782

■ 54.5194, 35.5770,
49.4211

■ 46.0865, 24.0627,
30.1124

■ 59.0039, 42.4182,
57.4761

■ 44.6710, 22.6867,
25.1553

■ 64.4356, 50.9744,
66.3992

■ 44.2111, 22.3220,
23.2908

■ 70.8704, 61.3537,
76.2218

■ 78.3599, 73.6549,
86.9731

86.9518, 87.9702,
98.6808

93.9550, 99.4355,
108.8488

Harmonies

Analogous

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



45.4405, 30.3296, 78.5318



50.9191, 30.3296, 42.2002



49.5488, 30.3296, 17.7290

Triad

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



50.9191, 30.3296, 42.2002



22.8227, 30.3296, 4.2613



18.7283, 30.3296, 92.4759

Complementary

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



50.9191, 30.3296, 42.2002



45.5329, 74.3534, 48.0327

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.



14.8779, 30.3296, 55.2666



50.9191, 30.3296, 42.2002



16.8551, 30.3296, 9.7217

Square

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



50.9191, 30.3296, 42.2002



31.8750, 30.3296, 3.6061



14.2773, 30.3296, 25.2845



25.9805, 30.3296, 116.4381

Rectangle

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



50.9191, 30.3296, 42.2002



45.0335, 30.3296, 9.2735



14.2773, 30.3296, 25.2845



17.0667, 30.3296, 80.3790

Sweetspot

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



50.9200, 30.3312, 42.2007



77.1749, 70.1826, 84.6518



36.1004, 21.5219, 94.3471



16.0592, 14.2681, 17.4574



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.



50.9200, 30.3312, 42.2007



48.7022, 26.3222, 34.8212



45.3854, 28.1173, 13.0558



17.6201, 17.3754, 19.8552



23.1050, 11.6577, 12.5272



2.1935, 1.1011, 1.4425

Inverse Universe

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



50.9200, 30.3312, 42.2007



48.7022, 26.3222, 34.8212



55.3555, 78.2824, 99.7577



17.6201, 17.3754, 19.8552



23.1050, 11.6577, 12.5272



2.1935, 1.1011, 1.4425

Previews

White Background



This preview shows how the XYZ color 50.9191, 30.3296, 42.2002 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 50.9191, 30.3296, 42.2002 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 50.9191, 30.3296, 42.2002

Background



This preview shows how black text looks on a background with the XYZ color 50.9191, 30.3296, 42.2002.



This preview shows how white text looks on a background with the XYZ color 50.9191, 30.3296,

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

50.9191, 30.3296, 42.2002

Protanopia

31.9089, 30.7532, 68.5442

Deuteranopia

30.9903, 30.4712, 38.8985



Tritanopia

45.8159, 30.3596, 17.6326

Trichromacy



Original Color

50.9191, 30.3296, 42.2002



Protanomaly

35.0980, 27.7894, 57.5469



Deuteranomaly

35.8288, 28.3749, 39.6649



Tritanomaly

47.3465, 30.1442, 24.7957

Monochromacy



Original Color

50.9191, 30.3296, 42.2002



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

32.8912, 26.9722, 34.4829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9191, 30.3296, 42.2002 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(252, 86, 172)` looks like.

```
.text, #text, p{  
    color:rgb(252, 86, 172)  
}
```

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(252, 86, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 86, 172) }
```

Border

The CSS property to change the border of an element to XYZ 50.9191, 30.3296, 42.2002 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(252, 86, 172) }
```


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

```
.border{ border-color:rgb(252, 86, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 86, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 86, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 86, 172); box-shadow:4px 4px 4px 4px rgb(252, 86, 172) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9191, 30.3296, 42.2002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 86, 172) }
```

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

```
.background{ background-color: rgb(252, 86,  
172) }
```

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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