

Converting Colors

XYZ(62.8354, 51.2823, 72.8569)

Have a look what the booklet for
XYZ(62.8354, 51.2823, 72.8569)
contains.

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Color

**XYZ(62.9091, 51.2116,
72.8988)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A6DA
RGB	242, 166, 218
RGB Percent	95%, 65%, 85%
CMY	0.0510, 0.3490, 0.1451
CMYK	0.00, 0.31, 0.10, 0.05
HSL	319°, 75%, 80%
HSV	319°, 31%, 95%
XYZ	62.9091, 51.2116, 72.8988
YIQ	194.6520, 28.6040, 32.2840

Conversions

Conversions Part 2

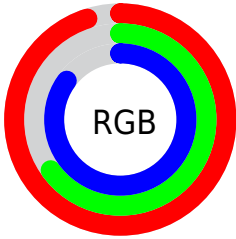
Format	Color
R _{YB}	242, 166, 218
Decimal	15902426
CIE _{Lab}	76.81, 35.71, -14.95
CIE _{LCh}	77, 38.715, 337.280
Y _{xy}	51.2116, 0.3364, 0.2738
Android (android.graphics.Color)	4294092506 (0xFFFF2A6DA)
YUV	194.6520, 11.5106, 41.5242
Hunter-Lab	71.5623, 31.6821, -10.3037

Details

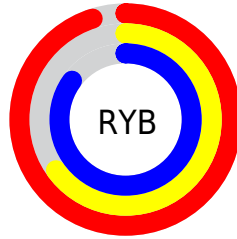
The XYZ color **62.9091, 51.2116, 72.8988** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.7745, 75.3306, 60.2665**, and the grayscale version is **51.5879, 54.2745, 59.1049**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **32.5236, 24.7689, 37.7170** is the 20% darker color. If you saturate the color by 10%, you get **57.9400, 42.8366, 66.4216**, and if you desaturate by 10%, it is **68.7550, 61.2650, 79.8969**.

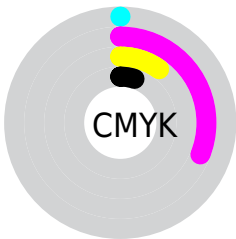
Distribution



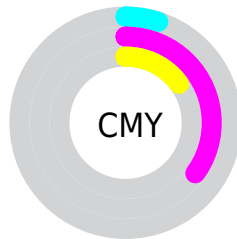
- Red (95%)
- Green (65%)
- Blue (85%)



- Red (95%)
- Yellow (65%)
- Blue (85%)



- Cyan (0%)
- Magenta (31%)
- Yellow (10%)
- Black (5%)





- Cyan (5%)
- Magenta (35%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9091, 51.2116, 72.8988 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 62.9091, 51.2116, 72.8988 by changing the saturation by 10% instead.


 62.9091, 51.2116,
72.8988


 62.9091, 51.2116,
72.8988


424.9044,
391.3853, 489.7254

 46.0260, 36.3770,
53.4019

 108.1209, 91.9675,
125.0531

 32.4711, 24.7255,
37.7338


 137.1804,
118.6576, 158.5476

 21.8789, 15.8727,
25.4759


171.0294,
150.0683, 197.5451

 13.8840, 9.4341,
16.2097

210.0332,
186.5841, 242.4640

 8.1212, 5.0254,
9.5167

254.5573,
228.5893, 293.7229

 4.2251, 2.2622,
4.9783

304.9669,

 1.8302, 0.7536,

276.4683, 351.7405

2.1760

361.6275,
330.6055, 416.9351

■ 0.5358, 0.0000,
0.6605

■ 0.0000, 0.0000,
0.0000

■ 62.9091, 51.2116,
72.8988

■ 62.9091, 51.2116,
72.8988

■ 57.9400, 42.8366,
66.4216

■ 68.7550, 61.2650,
79.8969

■ 53.7961, 36.0398,
60.4434

■ 75.5167, 73.0758,
87.4303

■ 50.4270, 30.7209,
54.9450

■ 83.2362, 86.7266,
95.5164

■ 47.7749, 26.7653,
49.9038

■ 89.4105, 97.2103,
103.3237

■ 45.7736, 24.0413,
45.2946

■ 90.4284, 97.6175,
108.6837

■ 44.3433, 22.3908,
41.0874

■ 43.4624, 21.6151,
37.7535

Harmonies

Analogous

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



57.7468, 51.2116, 94.5625



62.9091, 51.2116, 72.8988



64.0822, 51.2116, 50.7873

Triad

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



62.9091, 51.2116, 72.8988



46.9061, 51.2116, 24.4778



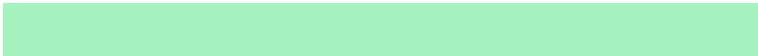
38.2740, 51.2116, 84.0447

Complementary

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



62.9091, 51.2116, 72.8988



56.7745, 75.3306, 60.2665

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.



35.9594, 51.2116, 61.0486



62.9091, 51.2116, 72.8988



40.6069, 51.2116, 29.3585

Square

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



62.9091, 51.2116, 72.8988



54.3398, 51.2116, 26.1395



36.7685, 51.2116, 41.5441



43.4184, 51.2116, 102.0456

Rectangle

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



62.9091, 51.2116, 72.8988



62.3468, 51.2116, 39.1910



36.7685, 51.2116, 41.5441



37.1641, 51.2116, 76.4450

Sweetspot

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



62.9106, 51.2139, 72.8999



87.0155, 85.7633, 100.5732



50.6022, 44.4791, 89.9238



18.3649, 17.8989, 21.2490



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.



62.9106, 51.2139, 72.8999



66.9925, 51.1513, 77.1466



58.6171, 49.4965, 50.2906



16.2294, 15.9415, 18.7645



23.4127, 11.6375, 20.6216



1.9925, 0.9861, 1.9516

Inverse Universe

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



62.9106, 51.2139, 72.8999



66.9925, 51.1513, 77.1466



61.3174, 77.1478, 84.1892



16.2294, 15.9415, 18.7645



23.4127, 11.6375, 20.6216



1.9925, 0.9861, 1.9516

Previews

White Background



This preview shows how the XYZ color 62.9091, 51.2116, 72.8988 looks on a white background.

Color Contrast Check

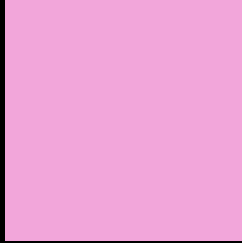
Large Text (above 18pt) WCAG AA × Fail

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 62.9091, 51.2116, 72.8988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

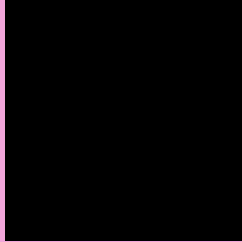
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.9091, 51.2116, 72.8988

Background



This preview shows how black text looks on a background with the XYZ color 62.9091, 51.2116, 72.8988.



This preview shows how white text looks on a background with the XYZ color 62.9091, 51.2116,

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

62.9091, 51.2116, 72.8988

Protanopia

51.5136, 51.5529, 84.3264

Deuteranopia

52.6407, 51.4745, 71.4511



Tritanopia

58.7694, 51.1850, 52.6811

Trichromacy



Original Color

62.9091, 51.2116, 72.8988



Protanomaly

54.9535, 50.9405, 80.3349



Deuteranomaly

55.7556, 50.9448, 71.8604



Tritanomaly

60.0494, 51.1314, 59.5277

Monochromacy



Original Color

62.9091, 51.2116, 72.8988



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.0714, 52.5898, 63.7482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9091, 51.2116, 72.8988 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(242, 166, 218)` looks like.

```
.text, #text, p{  
    color:rgb(242, 166, 218)  
}
```

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(242, 166, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 166, 218) }
```

Border

The CSS property to change the border of an element to XYZ 62.9091, 51.2116, 72.8988 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(242, 166, 218) }
```


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

```
.border{ border-color:rgb(242, 166, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 166, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 166, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 166, 218);  
box-shadow:4px 4px 4px 4px rgb(242, 166,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9091, 51.2116, 72.8988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 166, 218) }
```

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

```
.background{ background-color: rgb(242,  
166, 218) }
```

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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