

Converting Colors

XYZ(72.6438, 60.4284, 89.8991)

Have a look what the booklet for
XYZ(72.6438, 60.4284, 89.8991)
contains.

XYZ(72.6010, 60.4426, 90.2782)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(72.6010, 60.4426,
90.2782)**

Conversions

Conversions Part 1

Format	Color
Hex	FCB6F0
RGB	252, 182, 240
RGB Percent	99%, 71%, 94%
CMY	0.0118, 0.2863, 0.0588
CMYK	0.00, 0.28, 0.05, 0.01
HSL	310°, 92%, 85%
HSV	310°, 28%, 99%
XYZ	72.6010, 60.4426, 90.2782
YIQ	209.5420, 23.1020, 32.8780

Conversions

Conversions Part 2

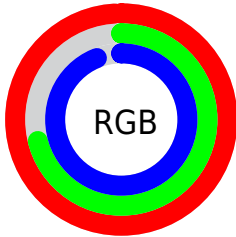
Format	Color
R _Y B	252, 182, 240
Decimal	16561904
CIE Lab	82.08, 34.31, -18.79
CIE LCh	82, 39.116, 331.291
Yxy	60.4426, 0.3251, 0.2707
Android (android.graphics.Color)	4294751984 (0xFFFCB6F0)
YUV	209.5420, 15.0158, 37.2357
Hunter-Lab	77.7448, 30.6364, -14.4268

Details

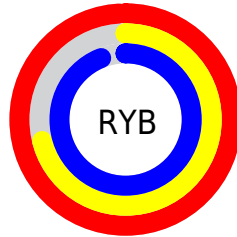
The XYZ color **72.6010, 60.4426, 90.2782** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.8419, 83.4628, 63.7876**, and the grayscale version is **60.8543, 64.0234, 69.7215**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **38.8766, 30.5011, 49.1857** is the 20% darker color. If you saturate the color by 10%, you get **67.2634, 50.7815, 85.3705**, and if you desaturate by 10%, it is **78.8861, 71.9724, 95.5784**.

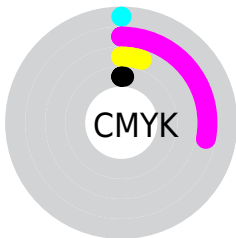
Distribution



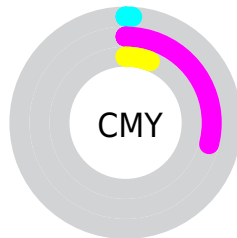
- Red (99%)
- Green (71%)
- Blue (94%)



- Red (99%)
- Yellow (71%)
- Blue (94%)



- Cyan (0%)
- Magenta (28%)
- Yellow (5%)
- Black (1%)





- Cyan (1%)
- Magenta (29%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.6010, 60.4426, 90.2782 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 72.6010, 60.4426, 90.2782 by changing the saturation by 10% instead.


 72.6010, 60.4426,
90.2782

 72.6010, 60.4426,
90.2782


458.7560,
426.2273, 549.5288

 53.9370, 43.7755,
67.6364


 121.9168,
105.4714, 149.6637

 38.7818, 30.4940,
49.1371


153.2993,
134.6020, 187.2444

 26.7699, 20.2139,
34.3619


189.6520,
168.6557, 230.6418

 17.5362, 12.5506,
22.8922

231.3403,
208.0172, 280.2746

 10.7152, 7.1198,
14.3093

278.7294,
253.0706, 336.5611

 5.9415, 3.5372,
8.1949

332.1849,

 2.8499, 1.4182,

304.2005, 399.9199

4.1304

392.0719,
361.7913, 470.7697

■ 1.0749, 0.2301,
1.6971

■ 0.0039, 0.0000,
0.3588

■ 72.6010, 60.4426,
90.2782

■ 72.6010, 60.4426,
90.2782

■ 67.2634, 50.7815,
85.3705

■ 78.8861, 71.9724,
95.5784

■ 62.8180, 42.8813,
80.8345

■ 86.1595, 85.4550,
101.2833

■ 59.2119, 36.6358,
76.6526

■ 93.6290, 99.3051,
107.1300

■ 56.3846, 31.9237,
72.8041

■ 93.9554, 99.4357,
108.8488

■ 54.2670, 28.6074,
69.2655

■ 52.7780, 26.5246,
66.0092

■ 51.8090, 25.4585,
62.9985

■ 51.6289, 25.2891,
62.3504

Harmonies

Analogous

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



66.1357, 60.4426, 113.0618



72.6010, 60.4426, 90.2782



74.9118, 60.4426, 64.7883

Triad

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



72.6010, 60.4426, 90.2782



57.0904, 60.4426, 29.8981



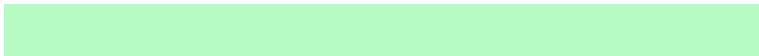
44.8708, 60.4426, 92.4959

Complementary

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



72.6010, 60.4426, 90.2782



63.8419, 83.4628, 63.7876

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.



42.9355, 60.4426, 66.8458



72.6010, 60.4426, 90.2782



49.5581, 60.4426, 33.9907

Square

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



72.6010, 60.4426, 90.2782



65.4547, 60.4426, 33.3328



44.5668, 60.4426, 46.2207



50.1240, 60.4426, 114.5439

Rectangle

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



72.6010, 60.4426, 90.2782



73.6251, 60.4426, 50.5827



44.5668, 60.4426, 46.2207



43.8347, 60.4426, 83.8264

Sweetspot

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



72.6028, 60.4453, 90.2795



88.3259, 87.4446, 103.9059



56.4640, 51.9125, 99.1407



18.6511, 18.2438, 22.0458



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.



72.6028, 60.4453, 90.2795



71.5881, 56.6546, 90.0475



67.9348, 58.5781, 65.6977



17.8578, 17.4705, 21.1068



26.9423, 13.1926, 32.7340



2.5279, 1.2349, 3.2034

Inverse Universe

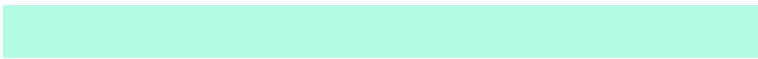
The Inverse Universe completely reimagines the original color for something new.



72.6028, 60.4453, 90.2795



71.5881, 56.6546, 90.0475



68.2003, 85.2061, 86.7389



17.8578, 17.4705, 21.1068



26.9423, 13.1926, 32.7340



2.5279, 1.2349, 3.2034

Previews

White Background



This preview shows how the XYZ color 72.6010, 60.4426, 90.2782 looks on a white background.

Color Contrast Check

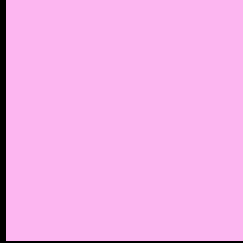
Large Text (above 18pt) WCAG AA × Fail

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 72.6010, 60.4426, 90.2782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

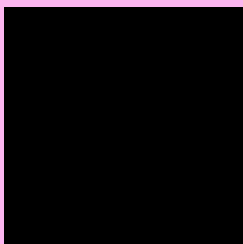
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.6010, 60.4426, 90.2782

Background



This preview shows how black text looks on a background with the XYZ color 72.6010, 60.4426, 90.2782.



This preview shows how white text looks on a background with the XYZ color 72.6010, 60.4426,

90.2782.

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

72.6010, 60.4426, 90.2782

Protanopia

60.7482, 60.6033, 102.2618

Deuteranopia

62.0040, 60.5166, 88.5337



Tritanopia

67.3349, 60.4811, 64.6250

Trichromacy



Original Color

72.6010, 60.4426, 90.2782



Protanomaly

64.3455, 60.1659, 97.8443



Deuteranomaly

65.5539, 60.3205, 89.0769



Tritanomaly

69.0205, 60.2154, 72.9507

Monochromacy



Original Color

72.6010, 60.4426, 90.2782



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

64.7568, 62.5366, 77.0643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6010, 60.4426, 90.2782 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, 182, 240)` looks like.

```
.text, #text, p{  
    color:rgb(252, 182, 240)  
}
```

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, 182, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 182, 240) }
```

Border

The CSS property to change the border of an element to XYZ 72.6010, 60.4426, 90.2782 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, 182, 240) }
```


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

```
.border{ border-color:rgb(252, 182, 240) }
```

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

Here you see how a box with a 4 pixel rgb(252, 182, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 182, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 182, 240);  
box-shadow:4px 4px 4px 4px rgb(252, 182,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6010, 60.4426, 90.2782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 182, 240) }
```

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

```
.background{ background-color: rgb(252,  
182, 240) }
```

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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