

# Converting Colors

XYZ(60.2511, 41.6473, 62.6330)

Have a look what the booklet for  
XYZ(60.2511, 41.6473, 62.6330)  
contains.

<b>XYZ(60.2421, 41.6330, 62.6185)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(60.2421, 41.6330,  
62.6185)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF82CD
RGB	255, 130, 205
RGB Percent	100%, 51%, 80%
CMY	0.0000, 0.4902, 0.1961
CMYK	0.00, 0.49, 0.20, 0.00
HSL	324°, 100%, 75%
HSV	324°, 49%, 100%
XYZ	60.2421, 41.6330, 62.6185
YIQ	175.9250, 50.4250, 49.8250

# Conversions

## Conversions Part 2

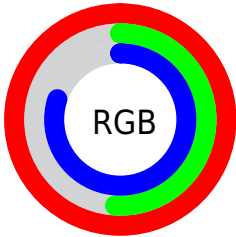
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 130, 205
Decimal	16745165
CIE <sub>Lab</sub>	70.62, 56.14, -16.98
CIE <sub>LCh</sub>	71, 58.656, 343.173
Yxy	41.6330, 0.3662, 0.2531
Android (android.graphics.Color)	4294935245 (0xFFFF82CD)
YUV	175.9250, 14.3340, 69.3488
Hunter-Lab	64.5236, 53.7391, -12.3728

# Details

The XYZ color **60.2421, 41.6330, 62.6185** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.2058, 79.5619, 55.7359**, and the grayscale version is **41.1382, 43.2806, 47.1326**.

A 20% lighter version of the original color is **76.8489, 63.5978, 102.8330**, and **30.8669, 19.0023, 31.3191** is the 20% darker color. If you saturate the color by 10%, you get **56.0692, 35.1941, 55.3495**, and if you desaturate by 10%, it is **65.3375, 49.7883, 70.5921**.

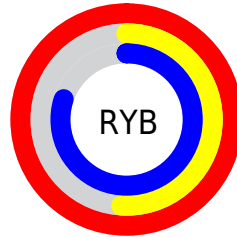
# Distribution



Red (100%)

Green (51%)

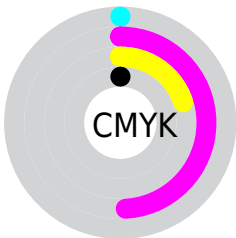
Blue (80%)



Red (100%)

Yellow (51%)

Blue (80%)

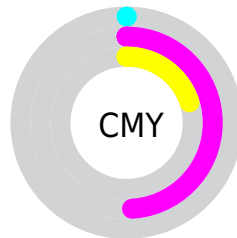


Cyan (0%)

Magenta (49%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (49%)


Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2421, 41.6330, 62.6185 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 60.2421, 41.6330, 62.6185 by changing the saturation by 10% instead.





 60.2421, 41.6330,  
62.6185


 60.2421, 41.6330,  
62.6185


415.3100,  
352.9593, 452.2534


 43.8640, 28.8140,  
45.0936


 104.2851, 77.6439,  
110.1992

 30.7611, 18.9402,  
31.1877

 132.6808,  
101.6046, 141.0921

 20.5679, 11.6271,  
20.4822


 165.8130,  
130.0480, 177.2781

 12.9192, 6.4903,  
12.5585

204.0471,  
163.3585, 219.1757

 7.4495, 3.1454,  
6.9981

247.7486,  
201.9205, 267.2035

 3.7936, 1.2081,  
3.3825

297.2826,

 1.5860, 0.0683,

246.1183, 321.7800

1.2931

353.0146,  
296.3365, 383.3238

■ 0.3833, 0.0000,  
0.0561

■ 0.0000, 0.0000,  
0.0000

■ 60.2421, 41.6330,  
62.6185

■ 60.2421, 41.6330,  
62.6185

■ 56.0692, 35.1941,  
55.3495

■ 65.3375, 49.7883,  
70.5921

■ 52.7512, 30.3388,  
48.7536

■ 71.4107, 59.7686,  
79.2945

■ 50.2153, 26.9243,  
42.7993

■ 78.5160, 71.6800,  
88.7514

■ 48.3743, 24.7784,  
37.4495

■ 86.7027, 85.6187,  
98.9861

■ 47.0999, 23.6475, 95.0500, 100.0000,  
32.6534 108.9000

■ 46.9895, 23.5598,  
32.2062

# Harmonies

## Analogous

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



53.7525, 41.6330, 96.5092



60.2421, 41.6330, 62.6185



60.6504, 41.6330, 34.2158

# Triad

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



60.2421, 41.6330, 62.6185



35.4710, 41.6330, 10.6771



27.4681, 41.6330, 92.5780

# Complementary

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



60.2421, 41.6330, 62.6185



53.2058, 79.5619, 55.7359

# 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.



24.0474, 41.6330, 58.6258



60.2421, 41.6330, 62.6185



28.1327, 41.6330, 16.4697

# Square

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



60.2421, 41.6330, 62.6185



45.2193, 41.6330, 11.0168



24.2689, 41.6330, 31.5602



34.4137, 41.6330, 118.0880



# Rectangle

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



60.2421, 41.6330, 62.6185



57.3248, 41.6330, 21.9360



24.2689, 41.6330, 31.5602



25.9228, 41.6330, 81.2886

# Sweetspot

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



60.2431, 41.6349, 62.6193



81.6720, 77.0303, 92.7679



44.8568, 32.8908, 98.5921



17.1220, 15.8779, 19.4016



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.



60.2431, 41.6349, 62.6193



56.0756, 35.2036, 55.3613



54.1441, 39.1953, 30.5026



18.4670, 18.1701, 21.0764



24.6288, 12.3408, 17.2274



2.4520, 1.2232, 1.9617



# Inverse Universe

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



60.2431, 41.6349, 62.6193



56.0756, 35.2036, 55.3613



61.0693, 82.7073, 97.1446



18.4670, 18.1701, 21.0764



24.6288, 12.3408, 17.2274



2.4520, 1.2232, 1.9617



# Previews

## White Background



This preview shows how the XYZ color 60.2421, 41.6330, 62.6185 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

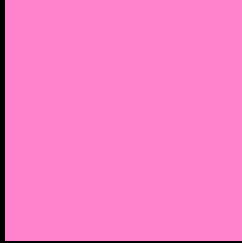
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.2421, 41.6330, 62.6185 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

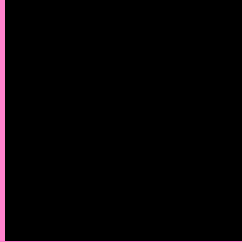
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 60.2421, 41.6330, 62.6185

## Background



This preview shows how black text looks on a background with the XYZ color 60.2421, 41.6330, 62.6185.



This preview shows how white text looks on a background with the XYZ color 60.2421, 41.6330,



# 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

60.2421, 41.6330, 62.6185

### Protanopia

42.9318, 42.0349, 83.6927

### Deuteranopia

42.7411, 41.9181, 59.2644



## Tritanopia

54.5351, 41.6081, 34.4350

# Trichromacy



## Original Color

60.2421, 41.6330, 62.6185



## Protanomaly

46.6936, 40.1810, 75.1067



## Deuteranomaly

47.7176, 40.7815, 60.6150



## Tritanomaly

56.4412, 41.5270, 43.5688

# Monochromacy



## Original Color

60.2421, 41.6330, 62.6185



## Achromatopsia

41.2663, 43.4154, 47.2793



## Achromatomaly

46.5446, 41.3633, 52.5444

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.2421, 41.6330, 62.6185 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, 130, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 205)  
}
```

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, 130, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 205) }
```

## Border

The CSS property to change the border of an element to XYZ 60.2421, 41.6330, 62.6185 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, 130, 205) }
```



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

```
.border{ border-color:rgb(255, 130, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
205) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.2421, 41.6330, 62.6185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 205) }
```

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

```
.background{ background-color: rgb(255,  
130, 205) }
```

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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