

# Converting Colors

XYZ(65.9414, 60.9854, 73.9241)

Have a look what the booklet for  
XYZ(65.9414, 60.9854, 73.9241)  
contains.

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# Color

**XYZ(65.8553, 60.8119,  
73.9126)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBC1D9
RGB	235, 193, 217
RGB Percent	92%, 76%, 85%
CMY	0.0784, 0.2431, 0.1490
CMYK	0.00, 0.18, 0.08, 0.08
HSL	326°, 51%, 84%
HSV	326°, 18%, 92%
XYZ	65.8553, 60.8119, 73.9126
YIQ	208.2940, 17.3280, 16.3680

# Conversions

## Conversions Part 2

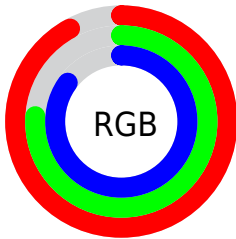
Format	Color
R <sub>Y</sub> B	235, 193, 217
Decimal	15450585
CIE Lab	82.28, 18.83, -6.33
CIE LCh	82, 19.865, 341.425
Yxy	60.8119, 0.3283, 0.3032
Android (android.graphics.Color)	4293640665 (0xFFEBC1D9)
YUV	208.2940, 4.2921, 23.4212
Hunter-Lab	77.9820, 14.2737, -1.6086

# Details

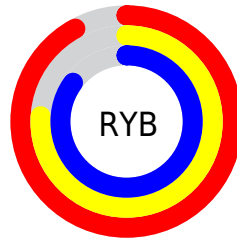
The XYZ color **65.8553, 60.8119, 73.9126** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.4609, 75.4589, 72.8518**, and the grayscale version is **60.1116, 63.2421, 68.8706**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **34.3446, 30.6576, 38.2898** is the 20% darker color. If you saturate the color by 10%, you get **59.7973, 50.7283, 65.6258**, and if you desaturate by 10%, it is **72.8222, 72.5838, 82.8983**.

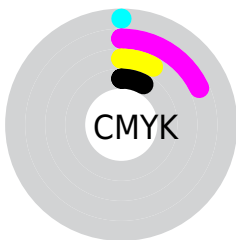
# Distribution



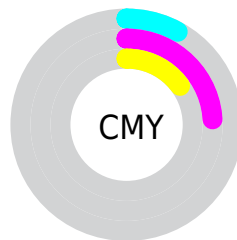
- Red (92%)
- Green (76%)
- Blue (85%)



- Red (92%)
- Yellow (76%)
- Blue (85%)



- Cyan (0%)
- Magenta (18%)
- Yellow (8%)
- Black (8%)



- Cyan (8%)
- Magenta (24%)
- Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8553, 60.8119, 73.9126 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 65.8553, 60.8119, 73.9126 by changing the saturation by 10% instead.





 65.8553, 60.8119,  
73.9126

 65.8553, 60.8119,  
73.9126


435.3560,  
427.5840, 493.3270

 48.4222, 44.0734,  
54.2262


 112.3375,  
106.0065, 126.5048

 34.3740, 30.7282,  
38.3881


142.1173,  
135.2314, 160.2476

 23.3453, 20.3920,  
25.9799


176.7435,  
169.3873, 199.5130

 14.9708, 12.6803,  
16.5829

216.5813,  
208.8584, 244.7195

 8.8851, 7.2088,  
9.7788

261.9960,  
254.0293, 296.2856

 4.7228, 3.5930,  
5.1489

313.3532,

 2.1186, 1.4486,

305.2842, 354.6298

2.2746

371.0181,  
363.0076, 420.1708

0.6993, 0.2521,  
0.7169

0.0000, 0.0000,  
0.0000

65.8553, 60.8119,  
73.9126

65.8553, 60.8119,  
73.9126

59.7973, 50.7283,  
65.6258

72.8222, 72.5838,  
82.8983

54.6026, 42.2464,  
58.0137

80.7305, 86.1089,  
92.5985

50.2296, 35.2845,  
51.0558

86.8435, 95.9112,  
102.1082

46.6307, 29.7499,  
44.7290

88.0713, 96.4023,  
108.5734

■ 43.7535, 25.5400,  
39.0083

■ 41.5384, 22.5383,  
33.8657

■ 39.9155, 20.6077,  
29.2701

■ 38.7896, 19.5606,  
25.1812

■ 38.5837, 19.3913,  
24.3649

# Harmonies

## Analogous

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



63.3485, 60.8119, 85.2554



65.8553, 60.8119, 73.9126



66.1421, 60.8119, 61.7074

# Triad

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



65.8553, 60.8119, 73.9126



56.2042, 60.8119, 45.9102



51.9147, 60.8119, 82.8476

# Complementary

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



65.8553, 60.8119, 73.9126



63.4609, 75.4589, 72.8518

# 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.



50.1904, 60.8119, 70.9345



65.8553, 60.8119, 73.9126



52.5851, 60.8119, 50.2422

# Square

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



65.8553, 60.8119, 73.9126



60.4290, 60.8119, 46.5017



50.4297, 60.8119, 59.0691



55.2481, 60.8119, 90.8321



# Rectangle

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



65.8553, 60.8119, 73.9126



65.0199, 60.8119, 54.7993



50.4297, 60.8119, 59.0691



51.1352, 60.8119, 79.1126

# Sweetspot

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



65.8571, 60.8146, 73.9139



90.2491, 91.7862, 103.0207



60.7888, 57.9163, 86.5731



19.1776, 19.4082, 21.8776



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.



65.8571, 60.8146, 73.9139



76.8040, 69.0723, 85.6639



63.3539, 59.8133, 60.7326



15.4261, 15.1983, 17.5294



21.5386, 10.8181, 13.9036



1.7393, 0.8687, 1.3447



# Inverse Universe

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



65.8571, 60.8146, 73.9139



76.8040, 69.0723, 85.6639



66.1971, 76.5533, 87.2605



15.4261, 15.1983, 17.5294



21.5386, 10.8181, 13.9036

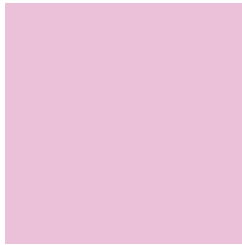


1.7393, 0.8687, 1.3447



# Previews

## White Background



This preview shows how the XYZ color 65.8553, 60.8119, 73.9126 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

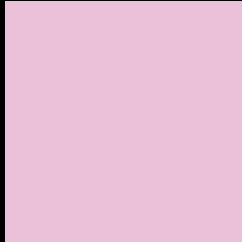
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 65.8553, 60.8119, 73.9126 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 65.8553, 60.8119, 73.9126**

## **Background**



This preview shows how black text looks on a background with the XYZ color 65.8553, 60.8119, 73.9126.



This preview shows how white text looks on a background with the XYZ color 65.8553, 60.8119,



# 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

65.8553, 60.8119, 73.9126

### Protanopia

59.5408, 61.2100, 78.4886

### Deuteranopia

62.3333, 61.0204, 73.4585



## Tritanopia

64.7321, 60.6794, 68.6222

# Trichromacy



## Original Color

65.8553, 60.8119, 73.9126

## Protanomaly

61.7298, 60.9761, 76.9227

## Deuteranomaly

63.4123, 60.8979, 73.3780

## Tritanomaly

65.1071, 60.8295, 70.5971

# Monochromacy



## Original Color

65.8553, 60.8119, 73.9126

## Achromatopsia

59.9535, 63.0757, 68.6895

## Achromatomaly

62.0272, 62.3204, 70.3879

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 65.8553, 60.8119, 73.9126 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(235, 193, 217)` looks like.

```
.text, #text, p{  
    color:rgb(235, 193, 217)  
}
```

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(235, 193, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 193, 217) }
```

## Border

The CSS property to change the border of an element to XYZ 65.8553, 60.8119, 73.9126 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(235, 193, 217) }
```



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

```
.border{ border-color:rgb(235, 193, 217) }
```

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

Here you see how a box with a 4 pixel rgb(235, 193, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 193, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 193, 217);  
box-shadow:4px 4px 4px 4px rgb(235, 193,  
217) }
```

# Background

The CSS property to change the background color of an element to XYZ 65.8553, 60.8119, 73.9126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 193, 217) }
```

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

```
.background{ background-color: rgb(235,  
193, 217) }
```

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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