

# Converting Colors

XYZ(65.1630, 62.5361, 79.1709)

Have a look what the booklet for  
XYZ(65.1630, 62.5361, 79.1709)  
contains.

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# Color

**XYZ(65.1602, 62.6979,  
79.1886)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1C8E0
RGB	225, 200, 224
RGB Percent	88%, 78%, 88%
CMY	0.1176, 0.2157, 0.1216
CMYK	0.00, 0.11, 0.00, 0.12
HSL	302°, 29%, 83%
HSV	302°, 11%, 88%
XYZ	65.1602, 62.6979, 79.1886
YIQ	210.2110, 7.1960, 12.7640

# Conversions

## Conversions Part 2

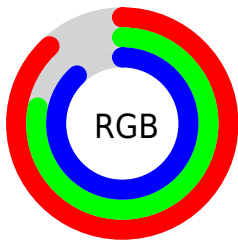
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 200, 224
Decimal	14797024
CIE Lab	83.28, 12.93, -8.68
CIE LCh	83, 15.576, 326.130
Yxy	62.6979, 0.3147, 0.3028
Android (android.graphics.Color)	4292987104 (0xFFE1C8E0)
YUV	210.2110, 6.7980, 12.9700
Hunter-Lab	79.1820, 8.3221, -3.8675

# Details

The XYZ color **65.1602, 62.6979, 79.1886** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2897, 70.3487, 65.6101**, and the grayscale version is **61.3521, 64.5472, 70.2919**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0179, 31.9684, 41.9137** is the 20% darker color. If you saturate the color by 10%, you get **60.2068, 52.9851, 76.9372**, and if you desaturate by 10%, it is **70.8847, 73.9501, 81.7017**.

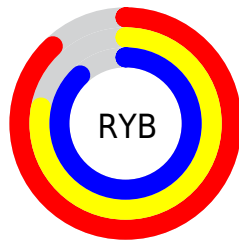
# Distribution



Red (88%)

Green (78%)

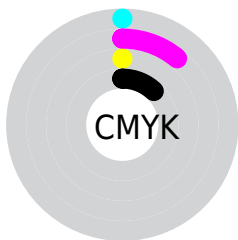
Blue (88%)



Red (88%)

Yellow (78%)

Blue (88%)

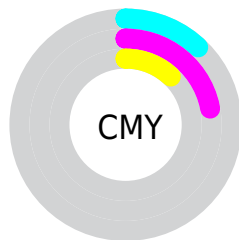


Cyan (0%)

Magenta (11%)

Yellow (0%)

Black (12%)



Cyan (12%)

Magenta (22%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1602, 62.6979, 79.1886 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 65.1602, 62.6979, 79.1886 by changing the saturation by 10% instead.



65.1602, 62.6979,  
79.1886

65.1602, 62.6979,  
79.1886

432.9036,  
434.4723, 511.8286

47.8562, 45.5969,  
58.5287

111.3446,  
108.7336, 134.0254

33.9238, 31.9278,  
41.8163

140.9556,  
138.4370, 169.0394

22.9977, 21.3064,  
28.6330

175.3997,  
173.1099, 209.6750

14.7125, 13.3481,  
18.5602

215.0423,  
213.1369, 256.3510

8.7028, 7.6687,  
11.1793

260.2485,  
258.9022, 309.4858

4.6034, 3.8837,  
6.0719

311.3840,

2.0488, 1.6087,

310.7903, 369.4980

2.8193

368.8138,  
369.1855, 436.8061

■ 0.6612, 0.3635,  
1.0031

■ 0.0000, 0.0000,  
0.0000

■ 65.1602, 62.6979,  
79.1886

■ 65.1602, 62.6979,  
79.1886

■ 60.2068, 52.9851,  
76.9372

■ 70.8847, 73.9501,  
81.7017

■ 55.9857, 44.7368,  
74.9324

■ 77.4062, 86.7960,  
84.4829

■ 52.4629, 37.8840,  
73.1635

■ 80.6360, 93.0575,  
86.1700

■ 49.5995, 32.3491,  
71.6177

■ 80.7604, 93.1072,  
86.8253

47.3530, 28.0469,  
70.2806

80.8855, 93.1573,  
87.4839

45.6758, 24.8822,  
69.1364

81.0112, 93.2076,  
88.1461

44.5132, 22.7459,  
68.1669

81.1376, 93.2581,  
88.8116

43.8001, 21.5075,  
67.3505

81.2647, 93.3089,  
89.4806

43.4461, 20.9655,  
66.7206

81.3924, 93.3600,  
90.1530

# Harmonies

## Analogous

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



62.5044, 62.6979, 86.4022



65.1602, 62.6979, 79.1886



66.3232, 62.6979, 69.5327

# Triad

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



65.1602, 62.6979, 79.1886



60.0327, 62.6979, 51.3112



53.9394, 62.6979, 76.8080

# Complementary

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



65.1602, 62.6979, 79.1886



61.2897, 70.3487, 65.6101

# 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.



53.3332, 62.6979, 67.0174



65.1602, 62.6979, 79.1886



56.7724, 62.6979, 52.8661

# Square

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



65.1602, 62.6979, 79.1886



63.2929, 62.6979, 53.9337



54.3513, 62.6979, 58.3994



56.0392, 62.6979, 84.9391



# Rectangle

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



65.1602, 62.6979, 79.1886



66.0644, 62.6979, 63.2197



54.3513, 62.6979, 58.3994



53.5577, 62.6979, 73.5767

# Sweetspot

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



65.1620, 62.7006, 79.1900



92.6086, 95.1961, 107.8432



58.2902, 59.1423, 79.5788



19.6859, 20.1081, 23.0236



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.



65.1620, 62.7006, 79.1900



85.1586, 80.5577, 104.5527



63.5494, 62.0556, 70.6979



14.2701, 13.9257, 17.1924



25.0460, 12.0854, 38.5037



1.7435, 0.8407, 2.7083



# Inverse Universe

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



65.1620, 62.7006, 79.1900



85.1586, 80.5577, 104.5527



62.7995, 70.9526, 73.5604



14.2701, 13.9257, 17.1924



25.0460, 12.0854, 38.5037

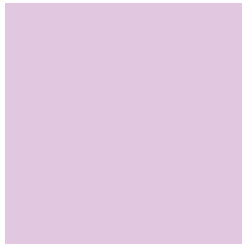


1.7435, 0.8407, 2.7083



# Previews

## White Background



This preview shows how the XYZ color 65.1602, 62.6979, 79.1886 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

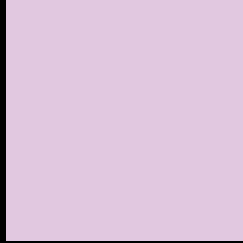
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 65.1602, 62.6979, 79.1886 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

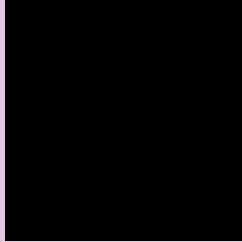
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 65.1602, 62.6979, 79.1886

## Background



This preview shows how black text looks on a background with the XYZ color 65.1602, 62.6979, 79.1886.



This preview shows how white text looks on a background with the XYZ color 65.1602, 62.6979,

79.1886.

# 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

65.1602, 62.6979, 79.1886

### Protanopia

61.2517, 62.7232, 82.2773

### Deuteranopia

64.0903, 62.8385, 79.2721



## Tritanopia

64.1515, 62.6303, 74.3534

# Trichromacy



## Original Color

65.1602, 62.6979, 79.1886

## Protanomaly

62.6094, 62.7288, 81.4811

## Deuteranomaly

64.4654, 62.6847, 79.2227

## Tritanomaly

64.5454, 62.7879, 76.4275

# Monochromacy



## Original Color

65.1602, 62.6979, 79.1886

## Achromatopsia

61.2578, 64.4480, 70.1838

## Achromatomaly

62.3614, 63.4960, 73.2591

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 65.1602, 62.6979, 79.1886 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(225, 200, 224)` looks like.

```
.text, #text, p{  
    color:rgb(225, 200, 224)  
}
```

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(225, 200, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 200, 224) }
```

## Border

The CSS property to change the border of an element to XYZ 65.1602, 62.6979, 79.1886 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(225, 200, 224) }
```



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

```
.border{ border-color:rgb(225, 200, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 200, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 200, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 200, 224);  
box-shadow:4px 4px 4px 4px rgb(225, 200,  
224) }
```

# Background

The CSS property to change the background color of an element to XYZ 65.1602, 62.6979, 79.1886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 200, 224) }
```

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

```
.background{ background-color: rgb(225,  
200, 224) }
```

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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