

# Converting Colors

XYZ(65.2793, 66.3263, 79.1737)

Have a look what the booklet for  
XYZ(65.2793, 66.3263, 79.1737)  
contains.

<b>XYZ(65.2793, 66.3263, 79.1737)</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(65.2793, 66.3263,  
79.1737)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAD2DF
RGB	218, 210, 223
RGB Percent	85%, 82%, 87%
CMY	0.1451, 0.1765, 0.1255
CMYK	0.02, 0.06, 0.00, 0.13
HSL	277°, 17%, 85%
HSV	277°, 6%, 87%
XYZ	65.2793, 66.3263, 79.1737
YIQ	213.8740, 0.5950, 5.7390

# Conversions

## Conversions Part 2

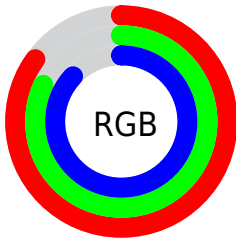
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	218, 210, 223
Decimal	14340831
CIE Lab	85.16, 5.10, -5.43
CIE LCh	85, 7.449, 313.213
Yxy	66.3263, 0.3097, 0.3147
Android (android.graphics.Color)	4292530911 (0xFFDAD2DF)
YUV	213.8740, 4.4991, 3.6185
Hunter-Lab	81.4410, 0.5556, -0.6307

# Details

The XYZ color **65.2793, 66.3263, 79.1737** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0473, 71.8773, 71.3687**, and the grayscale version is **63.8038, 67.1266, 73.1009**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0606, 34.3906, 41.8887** is the 20% darker color. If you saturate the color by 10%, you get **57.6539, 54.7853, 77.3490**, and if you desaturate by 10%, it is **73.8085, 79.4758, 81.2633**.

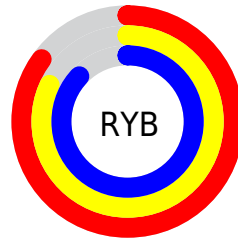
# Distribution



Red (85%)

Green (82%)

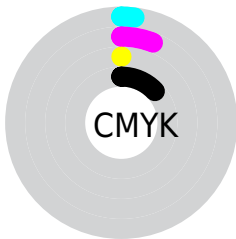
Blue (87%)



Red (85%)

Yellow (82%)

Blue (87%)

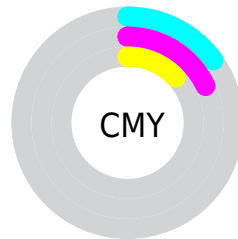


Cyan (2%)

Magenta (6%)

Yellow (0%)

Black (13%)



Cyan (15%)

Magenta (18%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2793, 66.3263, 79.1737 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 65.2793, 66.3263, 79.1737 by changing the saturation by 10% instead.



■ 65.2793, 66.3263,  
79.1737

■ 65.2793, 66.3263,  
79.1737

433.3243,  
447.5429, 511.7769

■ 47.9531, 48.5373,  
58.5165

111.5148,  
113.9545, 134.0042

■ 34.0009, 34.2526,  
41.8066

141.1548,  
144.5626, 169.0147

■ 23.0572, 23.0877,  
28.6254

175.6302,  
180.2125, 209.6465

■ 14.7566, 14.6583,  
18.5545

215.3062,  
221.2886, 256.3184

■ 8.7340, 8.5799,  
11.1753

260.5483,  
268.1753, 309.4489

■ 4.6238, 4.4682,  
6.0692

311.7218,

■ 2.0607, 1.9388,

321.2570, 369.4564

2.8177

369.1920,  
380.9180, 436.7596

■ 0.6677, 0.5715,  
1.0023

■ 0.0000, 0.0000,  
0.0000

■ 65.2793, 66.3263,  
79.1737

■ 65.2793, 66.3263,  
79.1737

■ 57.6539, 54.7853,  
77.3490

■ 73.8085, 79.4758,  
81.2633

■ 50.8930, 44.7801,  
75.7741

■ 83.2675, 94.2856,  
83.6233

■ 44.9628, 36.2451,  
74.4392

■ 86.2972, 96.0342,  
83.8011

■ 39.8249, 29.1065,  
73.3322

■ 89.3397, 97.6027,  
83.9435

■ 35.4374, 23.2840,  
72.4395

■ 90.3195, 98.1078,  
83.9894

■ 31.7545, 18.6889,  
71.7467

■ 28.7244, 15.2210,  
71.2370

■ 26.2871, 12.7639,  
70.8912

■ 24.3691, 11.1740,  
70.6854

# Harmonies

## Analogous

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



63.7825, 66.3263, 81.6056



65.2793, 66.3263, 79.1737



66.1851, 66.3263, 74.9235

# Triad

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



65.2793, 66.3263, 79.1737



63.9789, 66.3263, 63.7169



59.9479, 66.3263, 74.3537

# Complementary

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



65.2793, 66.3263, 79.1737



66.0473, 71.8773, 71.3687

# 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.



59.9984, 66.3263, 69.5785



65.2793, 66.3263, 79.1737



62.3056, 66.3263, 63.5796

# Square

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



65.2793, 66.3263, 79.1737



65.4253, 66.3263, 66.0660



60.8548, 66.3263, 65.6822



60.7157, 66.3263, 78.7406



# Rectangle

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



65.2793, 66.3263, 79.1737



66.3222, 66.3263, 71.7007



60.8548, 66.3263, 65.6822



59.8701, 66.3263, 72.7379

# Sweetspot

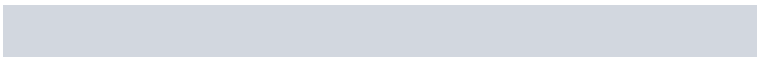
The Sweet Spot groups the original color and five complimentary colors.



65.2812, 66.3291, 79.1751



92.7264, 96.4189, 108.3312



64.2516, 67.7348, 79.5007



19.8716, 20.6751, 23.1933



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.



65.2812, 66.3291, 79.1751



87.1362, 87.8560, 106.9731



66.6246, 67.0418, 78.3267



14.0839, 14.1546, 17.3775



14.0475, 6.3371, 41.5312



1.0727, 0.4903, 2.8833



# Inverse Universe

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



65.7461, 66.6904, 73.7007



87.8994, 88.4480, 98.0410



64.7640, 71.1969, 72.1574



14.2170, 14.2578, 15.8237



18.9272, 9.6379, 6.2822

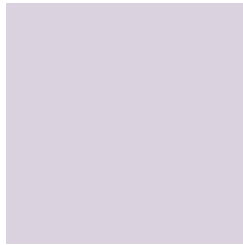


1.3547, 0.6852, 0.6609



# Previews

## White Background



This preview shows how the XYZ color 65.2793, 66.3263, 79.1737 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 65.2793, 66.3263, 79.1737 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

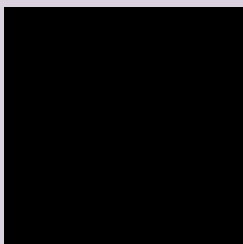
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 65.2793, 66.3263, 79.1737**

## **Background**



This preview shows how black text looks on a background with the XYZ color 65.2793, 66.3263, 79.1737.



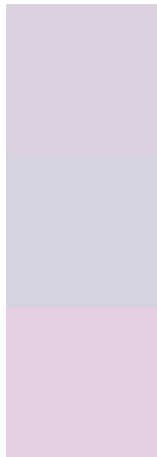
This preview shows how white text looks on a background with the XYZ color 65.2793, 66.3263,



# 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

65.2793, 66.3263, 79.1737

### Protanopia

64.1894, 66.1165, 79.8996

### Deuteranopia

67.5208, 66.0184, 79.7051



## Tritanopia

65.6875, 66.4896, 81.3232

# Trichromacy



## Original Color

65.2793, 66.3263, 79.1737

## Protanomaly

64.7731, 66.4174, 79.9269

## Deuteranomaly

66.5078, 65.8548, 79.7269

## Tritanomaly

65.5506, 66.4349, 80.6025

# Monochromacy



## Original Color

65.2793, 66.3263, 79.1737

## Achromatopsia

63.9157, 67.2443, 73.2291

## Achromatomaly

64.3430, 67.0453, 75.1954

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 65.2793, 66.3263, 79.1737 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(218, 210, 223) looks like.

```
.text, #text, p{  
    color:rgb(218, 210, 223)  
}
```

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(218, 210, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 210, 223) }
```

## Border

The CSS property to change the border of an element to XYZ 65.2793, 66.3263, 79.1737 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(218, 210, 223) }
```



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

```
.border{ border-color:rgb(218, 210, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 210, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 210, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 210, 223);  
box-shadow:4px 4px 4px 4px rgb(218, 210,  
223) }
```

# Background

The CSS property to change the background color of an element to XYZ 65.2793, 66.3263, 79.1737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 210, 223) }
```

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

```
.background{ background-color: rgb(218,  
210, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor