

Converting Colors

XYZ(65.9743, 69.0268, 76.7617)

Have a look what the booklet for
XYZ(65.9743, 69.0268, 76.7617)
contains.

XYZ(65.9573, 68.9779, 76.8556)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(65.9573, 68.9779,
76.8556)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D8DB
RGB	217, 216, 219
RGB Percent	85%, 85%, 86%
CMY	0.1490, 0.1529, 0.1412
CMYK	0.01, 0.01, 0.00, 0.14
HSL	260°, 4%, 85%
HSV	260°, 1%, 86%
XYZ	65.9573, 68.9779, 76.8556
YIQ	216.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

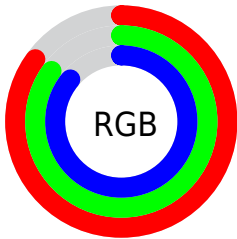
Format	Color
R_{YB}	217, 216, 219
Decimal	14276827
CIE Lab	86.49, 0.89, -1.36
CIE LCh	86, 1.626, 303.081
Yxy	68.9779, 0.3114, 0.3257
Android (android.graphics.Color)	4292466907 (0xFFD9D8DB)
YUV	216.6410, 1.1630, 0.3148
Hunter-Lab	83.0529, -3.5851, 3.2712

Details

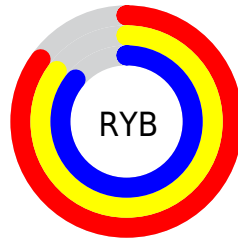
The XYZ color **65.9573, 68.9779, 76.8556** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6423, 70.5282, 75.0701**, and the grayscale version is **65.7018, 69.1234, 75.2754**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.3460, 35.8515, 40.2318** is the 20% darker color. If you saturate the color by 10%, you get **56.5624, 56.3549, 74.9153**, and if you desaturate by 10%, it is **76.4889, 83.3008, 79.0662**.

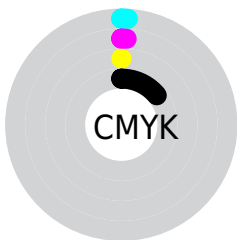
Distribution



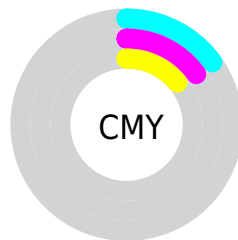
- Red (85%)
- Green (85%)
- Blue (86%)



- Red (85%)
- Yellow (85%)
- Blue (86%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)



- Cyan (15%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9573, 68.9779, 76.8556 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 65.9573, 68.9779, 76.8556 by changing the saturation by 10% instead.

■ 65.9573, 68.9779,
76.8556

■ 65.9573, 68.9779,
76.8556

435.7152,
456.9530, 503.6961

■ 48.5053, 50.6937,
56.6235

112.4831,
117.7500, 130.7068

■ 34.4401, 35.9649,
40.2957

142.2877,
149.0067, 165.1629

■ 23.3964, 24.4071,
27.4536

176.9404,
185.3564, 205.1976

■ 15.0088, 15.6359,
17.6788

216.8068,
227.1834, 251.2291

■ 8.9119, 9.2669,
10.5526

262.2521,
274.8722, 303.6763

■ 4.7404, 4.9157,
5.6565

313.6417,

■ 2.1290, 2.1979,

328.8071, 362.9574

2.5719

371.3409,
389.3726, 429.4912

■ 0.7049, 0.7188,
0.8779

■ 0.0000, 0.0000,
0.0000

■ 65.9573, 68.9779,
76.8556

■ 65.9573, 68.9779,
76.8556

■ 56.5624, 56.3549,
74.9153

■ 76.4889, 83.3008,
79.0662

■ 48.2589, 45.3591,
73.2306

■ 86.6362, 96.2706,
81.0348

■ 41.0072, 35.9255,
71.7919

■ 89.7864, 97.8946,
81.1822

■ 34.7629, 27.9813,
70.5876

■ 29.4781, 21.4479,
69.6051

■ 25.1011, 16.2393,
68.8304

■ 21.5746, 12.2595,
68.2481

■ 18.8339, 9.3992,
67.8405

■ 16.8035, 7.5287,
67.5864

Harmonies

Analogous

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



65.6003, 68.9779, 77.1943



65.9573, 68.9779, 76.8556



66.2089, 68.9779, 76.0476

Triad

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



65.9573, 68.9779, 76.8556



65.8897, 68.9779, 73.2720



64.8413, 68.9779, 75.2167

Complementary

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



65.9573, 68.9779, 76.8556



66.6423, 70.5282, 75.0701

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.



64.9181, 68.9779, 74.1706



65.9573, 68.9779, 76.8556



65.5225, 68.9779, 73.0542

Square

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



65.9573, 68.9779, 76.8556



66.1698, 68.9779, 73.9794



65.1671, 68.9779, 73.3816



64.9568, 68.9779, 76.2424

Rectangle

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



65.9573, 68.9779, 76.8556



66.2826, 68.9779, 75.3552



65.1671, 68.9779, 73.3816



64.8455, 68.9779, 74.8557

Sweetspot

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



65.9593, 68.9809, 76.8571

95.0500, 100.0000, 108.9000



66.1919, 69.8844, 77.0192



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.9593, 68.9809, 76.8571



92.2031, 96.1491, 108.3068



66.3924, 69.2042, 76.8774



14.3079, 14.9289, 16.7796



9.3064, 3.9218, 40.0049



0.6925, 0.3002, 2.5959

Inverse Universe

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



66.4266, 69.2369, 76.1963



93.1727, 96.6803, 106.9333



66.2103, 70.3055, 75.0499



14.4485, 15.0060, 16.5806



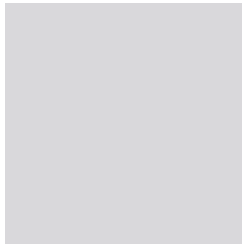
20.4598, 10.1850, 17.3334



1.3648, 0.6756, 1.3300

Previews

White Background



This preview shows how the XYZ color 65.9573, 68.9779, 76.8556 looks on a white background.

Color Contrast Check

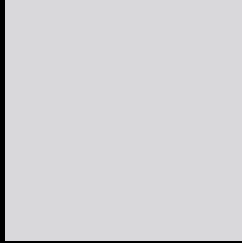
Large Text (above 18pt) WCAG AA × Fail

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 65.9573, 68.9779, 76.8556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

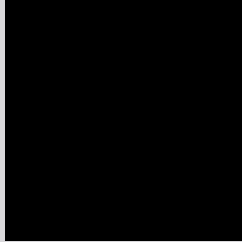
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

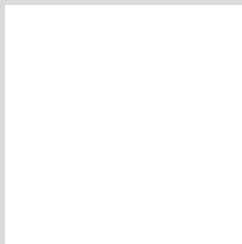
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.9573, 68.9779, 76.8556

Background



This preview shows how black text looks on a background with the XYZ color 65.9573, 68.9779, 76.8556.

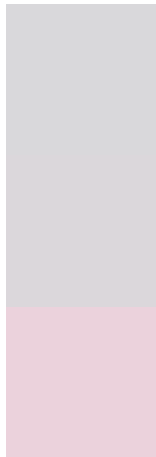


This preview shows how white text looks on a background with the XYZ color 65.9573, 68.9779,

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

65.9573, 68.9779, 76.8556

Protanopia

66.3000, 68.7754, 76.7984

Deuteranopia

70.2258, 68.9227, 77.3123



Tritanopia

67.6838, 68.9227, 85.3374

Trichromacy



Original Color

65.9573, 68.9779, 76.8556

Protanomaly

66.0001, 68.6208, 76.7844

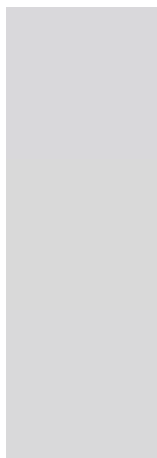
Deuteranomaly

68.4567, 68.7483, 77.3718

Tritanomaly

67.0790, 69.0524, 82.4660

Monochromacy



Original Color

65.9573, 68.9779, 76.8556

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.0830, 69.4394, 76.2499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9573, 68.9779, 76.8556 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(217, 216, 219) looks like.

```
.text, #text, p{  
    color:rgb(217, 216, 219)  
}
```

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(217, 216, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 216, 219) }
```

Border

The CSS property to change the border of an element to XYZ 65.9573, 68.9779, 76.8556 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(217, 216, 219) }
```

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

```
.border{ border-color:rgb(217, 216, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 216, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 216, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 216, 219);  
box-shadow:4px 4px 4px 4px rgb(217, 216,  
219) }
```


Background

The CSS property to change the background color of an element to XYZ 65.9573, 68.9779, 76.8556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 216, 219) }
```

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

```
.background{ background-color: rgb(217,  
216, 219) }
```

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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