

Converting Colors

XYZ(65.6746, 70.6203, 78.3689)

Have a look what the booklet for
XYZ(65.6746, 70.6203, 78.3689)
contains.

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Color

**XYZ(65.7716, 70.7822,
78.6024)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DDDD
RGB	211, 221, 221
RGB Percent	83%, 87%, 87%
CMY	0.1725, 0.1333, 0.1333
CMYK	0.05, 0.00, 0.00, 0.13
HSL	180°, 13%, 85%
HSV	180°, 5%, 87%
XYZ	65.7716, 70.7822, 78.6024
YIQ	218.0100, -5.9600, -2.1200

Conversions

Conversions Part 2

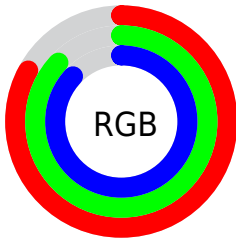
Format	Color
R_{YB}	211, 216, 221
Decimal	13884893
CIE Lab	87.38, -3.35, -1.17
CIE LCh	87, 3.547, 199.324
Yxy	70.7822, 0.3057, 0.3290
Android (android.graphics.Color)	4292074973 (0xFFD3DDDD)
YUV	218.0100, 1.4741, -6.1478
Hunter-Lab	84.1322, -7.6862, 3.4995

Details

The XYZ color **65.7716, 70.7822, 78.6024** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.8736, 66.6658, 71.0801**, and the grayscale version is **66.6422, 70.1128, 76.3529**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2295, 37.0935, 41.4321** is the 20% darker color. If you saturate the color by 10%, you get **59.8699, 67.7419, 78.3225**, and if you desaturate by 10%, it is **72.5478, 74.2773, 78.9262**.

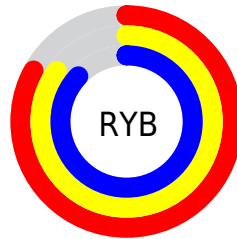
Distribution



Red (83%)

Green (87%)

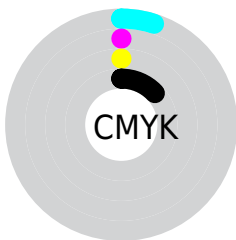
Blue (87%)



Red (83%)

Yellow (85%)

Blue (87%)

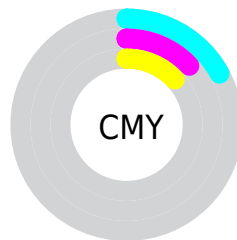


Cyan (5%)

Magenta (0%)

Yellow (0%)

Black (13%)



Cyan (17%)

Magenta (13%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7716, 70.7822, 78.6024 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 65.7716, 70.7822, 78.6024 by changing the saturation by 10% instead.

■ 65.7716, 70.7822,
78.6024

■ 65.7716, 70.7822,
78.6024

435.0611,
463.2917, 509.7923

■ 48.3540, 52.1645,
58.0496

112.2180,
120.3236, 133.1926

■ 34.3198, 37.1362,
41.4335

141.9776,
152.0160, 168.0670

■ 23.3034, 25.3130,
28.3358

176.5818,
188.8354, 208.5523

■ 14.9396, 16.3104,
18.3377

216.3961,
231.1663, 255.0672

■ 8.8631, 9.7440,
11.0207

261.7859,
279.3929, 308.0301

■ 4.7084, 5.2296,
5.9664

313.1164,

■ 2.1102, 2.3826,

333.8998, 367.8595

2.7562

370.7530,
395.0712, 434.9741

■ 0.6947, 0.8169,
0.9716

■ 0.0000, 0.0000,
0.0000

■ 65.7716, 70.7822,
78.6024

■ 65.7716, 70.7822,
78.6024

■ 59.8699, 67.7419,
78.3225

■ 72.5478, 74.2773,
78.9262

■ 54.8014, 65.1291,
78.0801

■ 80.1511, 78.1968,
79.2872

■ 50.5304, 62.9274,
77.8750

■ 80.1521, 78.1972,
79.2925

■ 47.0164, 61.1160,
77.7053

■ 80.1531, 78.1976,
79.2977

44.2151, 59.6719,
77.5690

80.1541, 78.1980,
79.3030

42.0778, 58.5703,
77.4638

80.1551, 78.1984,
79.3082

40.5497, 57.7826,
77.3871

80.1561, 78.1988,
79.3135

39.5674, 57.2763,
77.3359

80.1571, 78.1992,
79.3187

39.0531, 57.0113,
77.3066

80.1581, 78.1996,
79.3240

Harmonies

Analogous

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



65.7099, 70.7822, 76.2205



65.7716, 70.7822, 78.6024



66.2346, 70.7822, 80.6123

Triad

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



65.7716, 70.7822, 78.6024



68.5022, 70.7822, 80.1079



67.5744, 70.7822, 72.6360

Complementary

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



65.7716, 70.7822, 78.6024



64.8736, 66.6658, 71.0801

Split Complementary

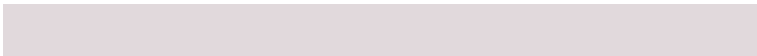
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.3290, 70.7822, 73.6326



65.7716, 70.7822, 78.6024



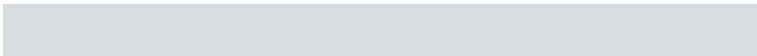
68.8676, 70.7822, 77.9254

Square

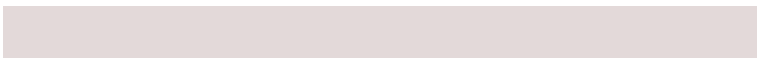
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.7716, 70.7822, 78.6024



67.8094, 70.7822, 81.4939



68.8039, 70.7822, 75.5572



66.7461, 70.7822, 72.8088

Rectangle

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



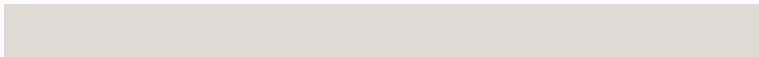
65.7716, 70.7822, 78.6024



66.7107, 70.7822, 81.4553



68.8039, 70.7822, 75.5572



67.8452, 70.7822, 72.8445

Sweetspot

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



65.7736, 70.7852, 78.6040



94.1179, 99.5195, 108.8557



64.5282, 70.2926, 71.7961



20.1549, 21.3063, 23.3001



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.



65.7736, 70.7852, 78.6040



90.5131, 97.6612, 108.6840



64.5158, 68.2688, 78.1869



13.9352, 15.0824, 16.8282



22.5963, 33.0711, 44.9009



1.4640, 2.1425, 2.9092

Inverse Universe

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



64.8736, 66.6658, 71.0801



89.1318, 91.3393, 97.1373



66.0925, 69.1043, 71.4843



13.6961, 13.9880, 14.8293



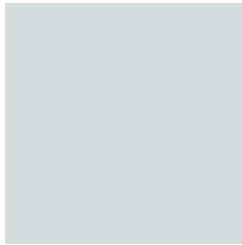
17.3225, 8.9300, 0.8124



1.1223, 0.5786, 0.0530

Previews

White Background



This preview shows how the XYZ color 65.7716, 70.7822, 78.6024 looks on a white background.

Color Contrast Check

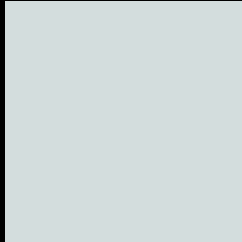
Large Text (above 18pt) WCAG AA × Fail

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 65.7716, 70.7822, 78.6024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

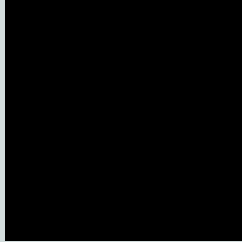
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

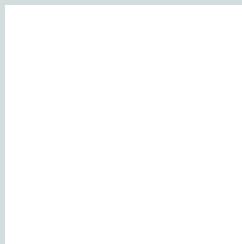
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7716, 70.7822, 78.6024

Background



This preview shows how black text looks on a background with the XYZ color 65.7716, 70.7822, 78.6024.

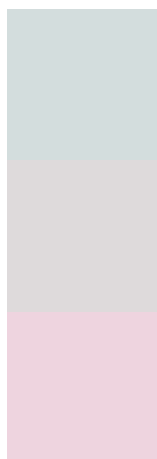


This preview shows how white text looks on a background with the XYZ color 65.7716, 70.7822,

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

65.7716, 70.7822, 78.6024

Protanopia

67.9818, 70.7869, 77.0980

Deuteranopia

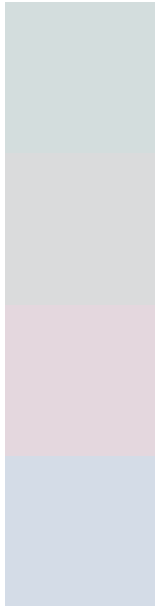
72.1227, 70.5918, 79.6363



Tritanopia

67.9124, 70.8653, 89.4559

Trichromacy



Original Color

65.7716, 70.7822, 78.6024

Protanomaly

67.1632, 70.7358, 77.8236

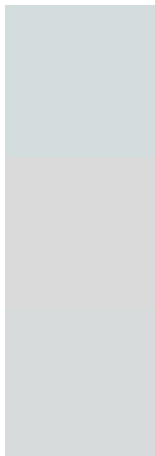
Deuteranomaly

69.4802, 70.3688, 79.0278

Tritanomaly

67.1684, 70.9530, 85.7564

Monochromacy



Original Color

65.7716, 70.7822, 78.6024

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.1420, 70.2246, 77.0865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7716, 70.7822, 78.6024 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(211, 221, 221) looks like.

```
.text, #text, p{  
    color:rgb(211, 221, 221)  
}
```

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(211, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 221, 221) }
```

Border

The CSS property to change the border of an element to XYZ 65.7716, 70.7822, 78.6024 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(211, 221, 221) }
```


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

```
.border{ border-color:rgb(211, 221, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 221, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 221, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 221, 221);  
box-shadow:4px 4px 4px 4px rgb(211, 221,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7716, 70.7822, 78.6024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 221, 221) }
```

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

```
.background{ background-color: rgb(211,  
221, 221) }
```

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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