

Converting Colors

XYZ(65.8819, 72.2045, 78.1183)

Have a look what the booklet for
XYZ(65.8819, 72.2045, 78.1183)
contains.

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Color

**XYZ(65.8684, 72.0339,
78.1424)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E0DC
RGB	209, 224, 220
RGB Percent	82%, 88%, 86%
CMY	0.1804, 0.1215, 0.1372
CMYK	0.07, 0.00, 0.02, 0.12
HSL	164°, 19%, 85%
HSV	164°, 7%, 88%
XYZ	65.8684, 72.0339, 78.1424
YIQ	219.0590, -7.6560, -4.4240

Conversions

Conversions Part 2

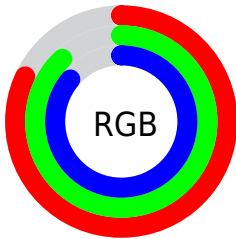
Format	Color
RYB	209, 218, 224
Decimal	13754588
CIELab	87.98, -5.74, 0.22
CIELCh	88, 5.746, 177.791
Yxy	72.0339, 0.3049, 0.3334
Android (android.graphics.Color)	4291944668 (0xFFD1E0DC)
YUV	219.0590, 0.4639, -8.8217
Hunter-Lab	84.8728, -9.9964, 4.8226

Details

The XYZ color **65.8684, 72.0339, 78.1424** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5538, 66.2542, 72.2875**, and the grayscale version is **67.3753, 70.8840, 77.1927**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4971, 38.0611, 41.1256** is the 20% darker color. If you saturate the color by 10%, you get **59.1938, 68.6848, 73.7722**, and if you desaturate by 10%, it is **73.4665, 75.8598, 82.7066**.

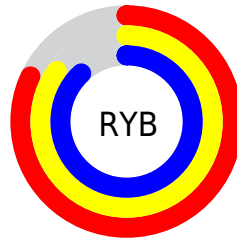
Distribution



Red (82%)

Green (88%)

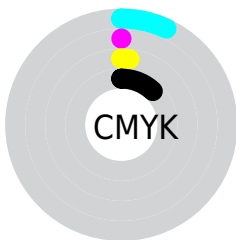
Blue (86%)



Red (82%)

Yellow (85%)

Blue (88%)

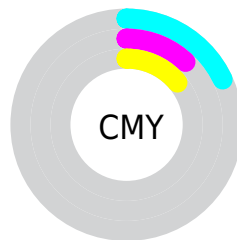


Cyan (7%)

Magenta (0%)

Yellow (2%)

Black (12%)



Cyan (18%)

Magenta (12%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8684, 72.0339, 78.1424 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 65.8684, 72.0339, 78.1424 by changing the saturation by 10% instead.

■ 65.8684, 72.0339,
78.1424

■ 65.8684, 72.0339,
78.1424

435.4021,
467.6596, 508.1910

■ 48.4329, 53.1864,
57.6738

112.3562,
122.1047, 132.5385

■ 34.3825, 37.9516,
41.1335

142.1392,
154.0968, 167.3032

■ 23.3519, 25.9451,
28.1029

176.7688,
191.2392, 207.6702

■ 14.9757, 16.7826,
18.1636

216.6102,
233.9163, 254.0583

■ 8.8885, 10.0796,
10.8968

262.0289,
282.5125, 306.8859

■ 4.7251, 5.4518,
5.8842

313.3903,

■ 2.1200, 2.5147,

337.4122, 366.5715

2.7071

371.0595,
398.9997, 433.5337

■ 0.7000, 0.8840,
0.9470

■ 0.0000, 0.0000,
0.0000

■ 65.8684, 72.0339,
78.1424

■ 65.8684, 72.0339,
78.1424

■ 59.1938, 68.6848,
73.7722

■ 73.4665, 75.8598,
82.7066

■ 53.3992, 65.7843,
69.5879

■ 82.0171, 80.1713,
87.4632

■ 48.4470, 63.3147,
65.5878

■ 83.3199, 80.7432,
92.0314

■ 44.2940, 61.2540,
61.7682

■ 84.2126, 81.1003,
96.7325

■ 40.8935, 59.5781,
58.1254

■ 85.1348, 81.4691,
101.5887

■ 38.1935, 58.2602,
54.6553

■ 85.9470, 81.7940,
105.8657

■ 36.1354, 57.2701,
51.3535

■ 34.6505, 56.5726,
48.2151

■ 33.6514, 56.1225,
45.2343

Harmonies

Analogous

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



66.2622, 72.0339, 74.4814



65.8684, 72.0339, 78.1424



66.1629, 72.0339, 82.0016

Triad

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



65.8684, 72.0339, 78.1424



69.7011, 72.0339, 85.2950



69.8792, 72.0339, 72.2234

Complementary

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



65.8684, 72.0339, 78.1424



65.5538, 66.2542, 72.2875

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.



70.8220, 72.0339, 74.9688



65.8684, 72.0339, 78.1424



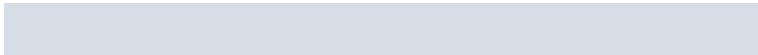
70.7183, 72.0339, 82.5212

Square

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



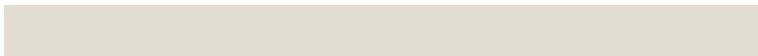
65.8684, 72.0339, 78.1424



68.3646, 72.0339, 86.2122



71.1311, 72.0339, 78.7237



68.5676, 72.0339, 71.1358

Rectangle

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



65.8684, 72.0339, 78.1424



66.7122, 72.0339, 84.1521



71.1311, 72.0339, 78.7237



70.2504, 72.0339, 72.9784

Sweetspot

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



65.8704, 72.0370, 78.1440



92.9802, 98.9582, 107.6635



65.6797, 72.1015, 70.7780



19.9233, 21.1920, 23.0575



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.



65.8704, 72.0370, 78.1440



87.0749, 95.9885, 104.0166



65.5418, 70.5209, 80.6821



13.9523, 15.5066, 16.7839



19.4779, 32.6160, 26.0376



1.3866, 2.2754, 1.9971

Inverse Universe

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



65.5538, 66.2542, 72.2875



86.5686, 86.7417, 94.6522



65.8575, 67.6649, 69.9122



13.8567, 13.7603, 15.0154



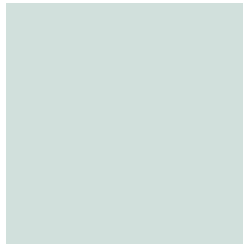
18.4053, 9.4291, 3.5340



1.3124, 0.6682, 0.4382

Previews

White Background



This preview shows how the XYZ color 65.8684, 72.0339, 78.1424 looks on a white background.

Color Contrast Check

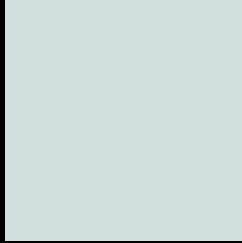
Large Text (above 18pt) WCAG AA × Fail

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 65.8684, 72.0339, 78.1424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

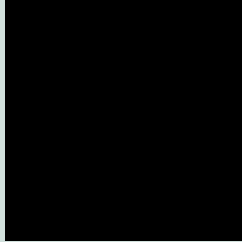
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

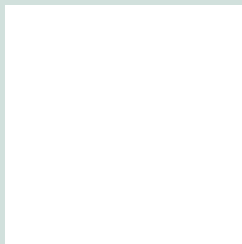
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.8684, 72.0339, 78.1424

Background



This preview shows how black text looks on a background with the XYZ color 65.8684, 72.0339, 78.1424.



This preview shows how white text looks on a background with the XYZ color 65.8684, 72.0339,

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

65.8684, 72.0339, 78.1424

Protanopia

68.9072, 71.6803, 75.8495

Deuteranopia

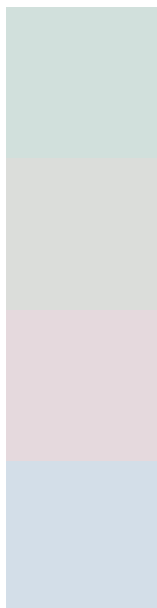
73.2547, 71.5632, 79.0594



Tritanopia

68.5878, 71.9419, 91.9326

Trichromacy



Original Color

65.8684, 72.0339, 78.1424

Protanomaly

67.7248, 71.8349, 76.6257

Deuteranomaly

70.1771, 71.5042, 78.5096

Tritanomaly

67.5507, 71.9176, 86.6651

Monochromacy



Original Color

65.8684, 72.0339, 78.1424

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.6670, 71.2744, 77.2615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8684, 72.0339, 78.1424 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(209, 224, 220) looks like.

```
.text, #text, p{  
    color:rgb(209, 224, 220)  
}
```

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(209, 224, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 224, 220) }
```

Border

The CSS property to change the border of an element to XYZ 65.8684, 72.0339, 78.1424 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(209, 224, 220) }
```


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

```
.border{ border-color:rgb(209, 224, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 224, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 224, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 224, 220);  
box-shadow:4px 4px 4px 4px rgb(209, 224,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8684, 72.0339, 78.1424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 224, 220) }
```

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

```
.background{ background-color: rgb(209,  
224, 220) }
```

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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