

Converting Colors

XYZ(67.3760, 72.9629, 78.5737)

Have a look what the booklet for
XYZ(67.3760, 72.9629, 78.5737)
contains.

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Color

**XYZ(67.3055, 72.7748,
78.2097)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E0DC
RGB	214, 224, 220
RGB Percent	84%, 88%, 86%
CMY	0.1608, 0.1215, 0.1372
CMYK	0.04, 0.00, 0.02, 0.12
HSL	156°, 14%, 86%
HSV	156°, 4%, 88%
XYZ	67.3055, 72.7748, 78.2097
YIQ	220.5540, -4.6760, -3.3640

Conversions

Conversions Part 2

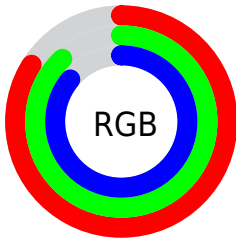
Format	Color
R_{YB}	214, 220, 224
Decimal	14082268
CIE Lab	88.34, -4.08, 0.78
CIE LCh	88, 4.153, 169.137
Yxy	72.7748, 0.3083, 0.3334
Android (android.graphics.Color)	4292272348 (0xFFD6E0DC)
YUV	220.5540, -0.2731, -5.7479
Hunter-Lab	85.3081, -8.4583, 5.3592

Details

The XYZ color **67.3055, 72.7748, 78.2097** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.4446, 69.0043, 76.0977**, and the grayscale version is **68.4206, 71.9838, 78.3904**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2776, 38.4635, 41.1622** is the 20% darker color. If you saturate the color by 10%, you get **60.0568, 69.1736, 71.8385**, and if you desaturate by 10%, it is **75.5210, 76.8712, 84.9616**.

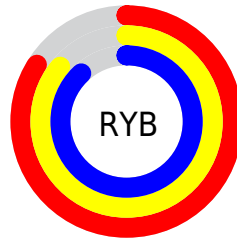
Distribution



Red (84%)

Green (88%)

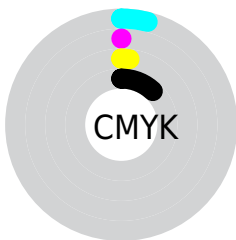
Blue (86%)



Red (84%)

Yellow (86%)

Blue (88%)

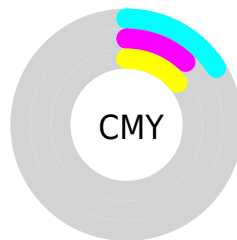


Cyan (4%)

Magenta (0%)

Yellow (2%)

Black (12%)



Cyan (16%)

Magenta (12%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3055, 72.7748, 78.2097 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 67.3055, 72.7748, 78.2097 by changing the saturation by 10% instead.

■ 67.3055, 72.7748,
78.2097

■ 67.3055, 72.7748,
78.2097

440.4468,
470.2339, 508.4255

■ 49.6045, 53.7918,
57.7288

114.4054,
123.1575, 132.6342

■ 35.3158, 38.4353,
41.1774

144.5351,
155.3259, 167.4150

■ 24.0739, 26.3207,
28.1370

179.5384,
192.6584, 207.7994

■ 15.5135, 17.0637,
18.1890

219.7807,
235.5392, 254.2060

■ 9.2692, 10.2799,
10.9149

265.6274,
284.3528, 307.0534

■ 4.9757, 5.5849,
5.8962

317.4437,

■ 2.2676, 2.5944,

339.4835, 366.7600

2.7143

375.5951,
401.3157, 433.7446

■ 0.7780, 0.9238,
0.9506

■ 0.0000, 0.0000,
0.0000

■ 67.3055, 72.7748,
78.2097

■ 67.3055, 72.7748,
78.2097

■ 60.0568, 69.1736,
71.8385

■ 75.5210, 76.8712,
84.9616

■ 53.7314, 66.0390,
65.8362

■ 83.3197, 80.7432,
92.0300

■ 48.2913, 63.3537,
60.1975

■ 84.6697, 81.2832,
99.1390

■ 43.6936, 61.0957,
54.9147

■ 85.9471, 81.7941,
105.8657

■ 39.8916, 59.2409,
49.9802

■ 36.8338, 57.7631,
45.3859

■ 34.4625, 56.6325,
41.1232

■ 32.7109, 55.8149,
37.1828

■ 31.4976, 55.2685,
33.5549

Harmonies

Analogous

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



67.7312, 72.7748, 75.7031



67.3055, 72.7748, 78.2097



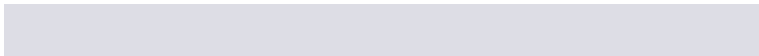
67.3758, 72.7748, 81.0520

Triad

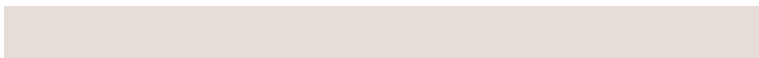
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.3055, 72.7748, 78.2097



69.8003, 72.7748, 84.5376



70.4315, 72.7748, 75.1613

Complementary

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



67.3055, 72.7748, 78.2097



67.4446, 69.0043, 76.0977

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.



70.9963, 72.7748, 77.4540



67.3055, 72.7748, 78.2097



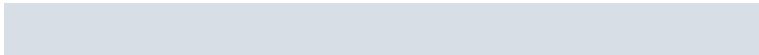
70.6295, 72.7748, 82.8841

Square

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



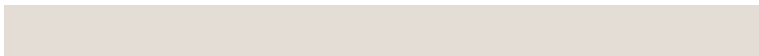
67.3055, 72.7748, 78.2097



68.8098, 72.7748, 84.7518



71.0692, 72.7748, 80.2781



69.5320, 72.7748, 73.9714

Rectangle

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



67.3055, 72.7748, 78.2097



67.6947, 72.7748, 82.7538



71.0692, 72.7748, 80.2781



70.6671, 72.7748, 75.8259

Sweetspot

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



67.3076, 72.7779, 78.2113



93.9542, 99.4540, 107.9933



67.7591, 73.1009, 74.1580



20.1216, 21.2930, 23.1246



0.0000, 0.0000, 0.0000



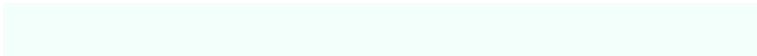
20.3446, 21.4041, 23.3091

Same Dimension

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



67.3076, 72.7779, 78.2113



89.7030, 97.3372, 104.4181



67.6208, 72.5456, 80.9634



14.4847, 15.7793, 16.8934



18.0927, 32.0619, 18.7432



1.2980, 2.2399, 1.5302

Inverse Universe

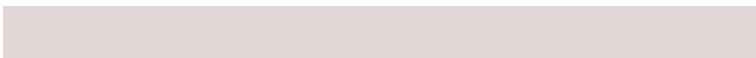
The Inverse Universe completely reimagines the original color for something new.



67.4446, 69.0043, 76.0977



89.9096, 91.6504, 101.2330



67.1384, 69.2202, 73.4416



14.5224, 14.7428, 16.3129



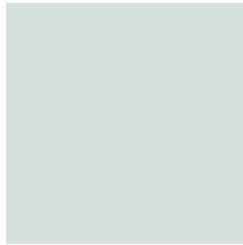
19.0120, 9.6718, 6.7287



1.3612, 0.6877, 0.6947

Previews

White Background



This preview shows how the XYZ color 67.3055, 72.7748, 78.2097 looks on a white background.

Color Contrast Check

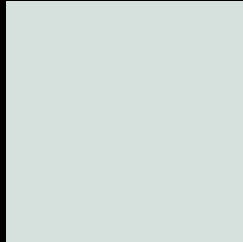
Large Text (above 18pt) WCAG AA × Fail

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 67.3055, 72.7748, 78.2097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

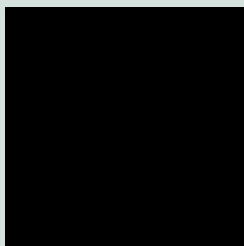
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

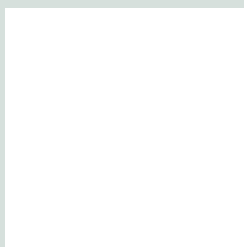
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.3055, 72.7748, 78.2097

Background



This preview shows how black text looks on a background with the XYZ color 67.3055, 72.7748, 78.2097.

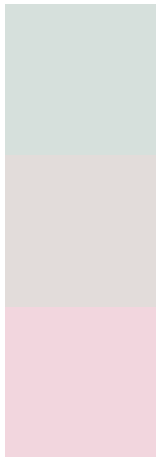


This preview shows how white text looks on a background with the XYZ color 67.3055, 72.7748,

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

67.3055, 72.7748, 78.2097

Protanopia

69.6121, 72.4171, 76.6386

Deuteranopia

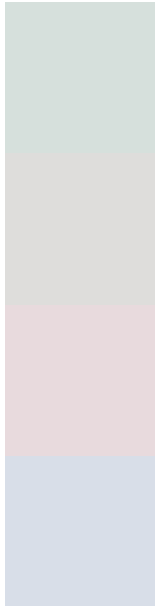
73.8493, 72.2443, 79.1595



Tritanopia

70.0517, 72.6966, 92.0011

Trichromacy



Original Color

67.3055, 72.7748, 78.2097

Protanomaly

68.7668, 72.3570, 77.3597

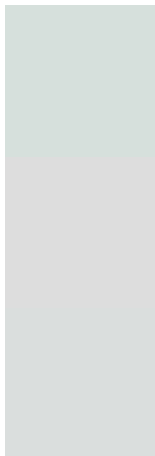
Deuteranomaly

71.4013, 72.5191, 78.6409

Tritanomaly

69.0057, 72.6677, 86.7332

Monochromacy



Original Color

67.3055, 72.7748, 78.2097

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.0859, 72.3684, 78.7866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3055, 72.7748, 78.2097 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(214, 224, 220) looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 224, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 224, 220) }
```

Border

The CSS property to change the border of an element to XYZ 67.3055, 72.7748, 78.2097 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(214, 224, 220) }
```


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

```
.border{ border-color:rgb(214, 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(214, 224, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 224, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 224, 220);  
box-shadow:4px 4px 4px 4px rgb(214, 224,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3055, 72.7748, 78.2097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 224, 220) }
```

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

```
.background{ background-color: rgb(214,  
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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