

Converting Colors

XYZ(70.3207, 76.3687, 78.0522)

Have a look what the booklet for
XYZ(70.3207, 76.3687, 78.0522)
contains.

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Color

**XYZ(70.3207, 76.3687,
78.0522)**

Conversions

Conversions Part 1

Format	Color
Hex	DCE5DB
RGB	220, 229, 219
RGB Percent	86%, 90%, 86%
CMY	0.1372, 0.1019, 0.1412
CMYK	0.04, 0.00, 0.04, 0.10
HSL	114°, 16%, 88%
HSV	114°, 4%, 90%
XYZ	70.3207, 76.3687, 78.0522
YIQ	225.1690, -2.1540, -5.0180

Conversions

Conversions Part 2

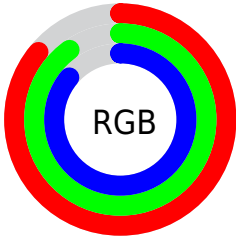
Format	Color
R _Y B	219, 229, 228
Decimal	14476763
CIE Lab	90.03, -4.81, 3.82
CIE LCh	90, 6.136, 141.539
Yxy	76.3687, 0.3129, 0.3398
Android (android.graphics.Color)	4292666843 (0xFFDCE5DB)
YUV	225.1690, -3.0413, -4.5332
Hunter-Lab	87.3892, -9.2949, 8.2172

Details

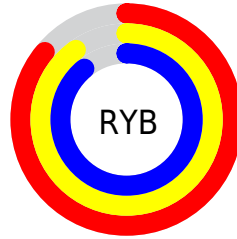
The XYZ color **70.3207, 76.3687, 78.0522** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.4722, 72.8162, 84.4205**, and the grayscale version is **71.7137, 75.4483, 82.1633**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.3539, 40.9518, 41.0577** is the 20% darker color. If you saturate the color by 10%, you get **61.6529, 72.2272, 62.9767**, and if you desaturate by 10%, it is **80.1768, 81.0792, 95.3515**.

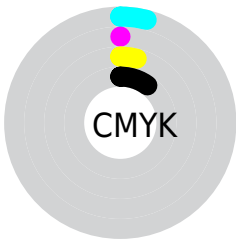
Distribution



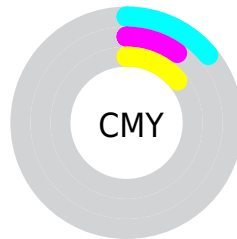
- Red (86%)
- Green (90%)
- Blue (86%)



- Red (86%)
- Yellow (90%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)



- Cyan (14%)
- Magenta (10%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3207, 76.3687, 78.0522 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 70.3207, 76.3687, 78.0522 by changing the saturation by 10% instead.

■ 70.3207, 76.3687,
78.0522

■ 70.3207, 76.3687,
78.0522

450.9241,
482.6089, 507.8767

■ 52.0686, 56.7349,
57.6002

118.6898,
128.2480, 132.4102

■ 37.2842, 40.7924,
41.0747

149.5374,
161.2622, 167.1533

■ 25.6023, 28.1569,
28.0573

185.3142,
199.5053, 207.4972

■ 16.6575, 18.4440,
18.1295

226.3857,
243.3618, 253.8603

■ 10.0844, 11.2692,
10.8726

273.1170,
293.2160, 306.6613

■ 5.5176, 6.2482,
5.8681

325.8736,

■ 2.5919, 2.9966,

349.4523, 366.3187

2.6976

385.0209,
412.4552, 433.2510

■ 0.9418, 1.1300,
0.9422

■ 0.0000, 0.0033,
0.0000

■ 70.3207, 76.3687,
78.0522

■ 70.3207, 76.3687,
78.0522

■ 61.6529, 72.2272,
62.9767

■ 80.1768, 81.0792,
95.3515

■ 54.1222, 68.6237,
50.0302

■ 87.3108, 84.5215,
106.3203

■ 47.6833, 65.5392,
39.1182

■ 42.2853, 62.9496,
30.1373

■ 37.8733, 60.8291,
22.9751

■ 34.3873, 59.1494,
17.5074

■ 31.7606, 57.8792,
13.5946

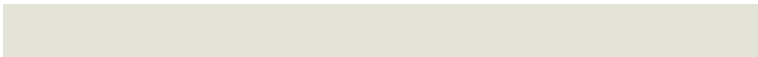
■ 29.9176, 56.9829,
11.0749

■ 28.7689, 56.4189,
9.7510

Harmonies

Analogous

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



71.5180, 76.3687, 75.6043



70.3207, 76.3687, 78.0522



69.7324, 76.3687, 81.9265

Triad

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



70.3207, 76.3687, 78.0522



72.1568, 76.3687, 91.7131



75.3399, 76.3687, 80.1161

Complementary

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



70.3207, 76.3687, 78.0522



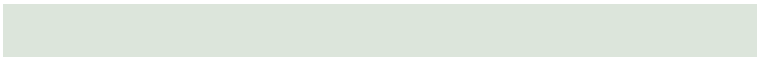
71.4722, 72.8162, 84.4205

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.



75.5168, 76.3687, 84.3908



70.3207, 76.3687, 78.0522



73.6649, 76.3687, 91.1872

Square

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



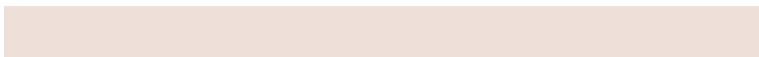
70.3207, 76.3687, 78.0522



70.7827, 76.3687, 89.8832



74.8998, 76.3687, 88.4703



74.4200, 76.3687, 76.7666

Rectangle

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



70.3207, 76.3687, 78.0522



69.7589, 76.3687, 84.8388



74.8998, 76.3687, 88.4703



75.4888, 76.3687, 81.4888

Sweetspot

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



70.3228, 76.3720, 78.0539



93.8027, 99.4041, 106.7128



72.8459, 77.2629, 78.0929



20.0908, 21.2829, 22.8640



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.



70.3228, 76.3720, 78.0539



88.9680, 97.0939, 98.2533



70.5544, 76.4297, 80.8481



15.0537, 16.5073, 16.5425



16.2665, 32.1672, 5.3516



1.2476, 2.4005, 0.3976

Inverse Universe

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



71.4722, 72.8162, 84.4205



90.6493, 91.8923, 107.5670



71.2379, 72.7593, 81.5262



15.3760, 15.5103, 18.3277



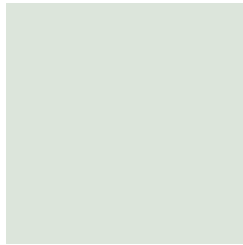
22.7156, 10.7762, 43.2659



1.7199, 0.8176, 3.1991

Previews

White Background



This preview shows how the XYZ color 70.3207, 76.3687, 78.0522 looks on a white background.

Color Contrast Check

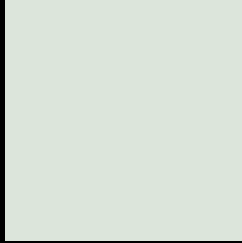
Large Text (above 18pt) WCAG AA × Fail

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 70.3207, 76.3687, 78.0522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

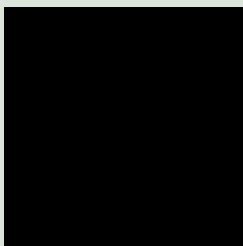
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

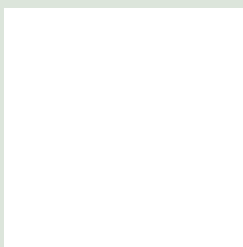
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.3207, 76.3687, 78.0522

Background



This preview shows how black text looks on a background with the XYZ color 70.3207, 76.3687, 78.0522.

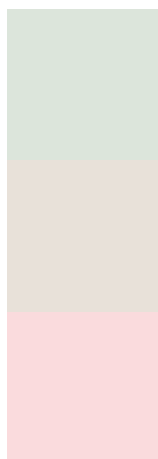


This preview shows how white text looks on a background with the XYZ color 70.3207, 76.3687,

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

70.3207, 76.3687, 78.0522

Protanopia

72.7283, 76.0160, 76.4850

Deuteranopia

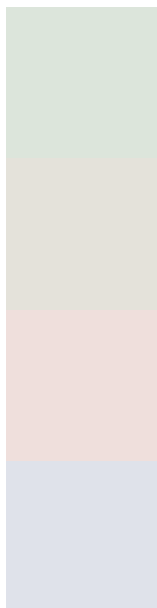
77.8070, 76.2075, 79.0153



Tritanopia

73.8433, 76.1688, 95.6041

Trichromacy



Original Color

70.3207, 76.3687, 78.0522

Protanomaly

71.8462, 75.9486, 77.2025

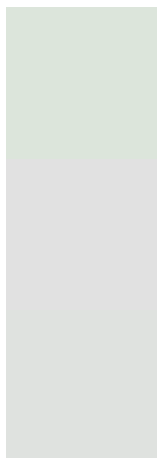
Deuteranomaly

74.9025, 76.2934, 78.4885

Tritanomaly

72.4791, 76.0212, 88.6954

Monochromacy



Original Color

70.3207, 76.3687, 78.0522

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

70.9471, 75.4084, 80.6280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3207, 76.3687, 78.0522 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(220, 229, 219) looks like.

```
.text, #text, p{  
    color:rgb(220, 229, 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(220, 229, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 229, 219) }
```

Border

The CSS property to change the border of an element to XYZ 70.3207, 76.3687, 78.0522 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(220, 229, 219) }
```


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

```
.border{ border-color:rgb(220, 229, 219) }
```

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

Here you see how a box with a 4 pixel rgb(220, 229, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 229, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 229, 219);  
box-shadow:4px 4px 4px 4px rgb(220, 229,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3207, 76.3687, 78.0522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 229, 219) }
```

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

```
.background{ background-color: rgb(220,  
229, 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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