

Converting Colors

XYZ(66.1985, 72.0653, 78.2661)

Have a look what the booklet for
XYZ(66.1985, 72.0653, 78.2661)
contains.

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Color

**XYZ(66.1523, 72.1803,
78.1557)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E0DC
RGB	210, 224, 220
RGB Percent	82%, 88%, 86%
CMY	0.1765, 0.1215, 0.1372
CMYK	0.06, 0.00, 0.02, 0.12
HSL	163°, 18%, 85%
HSV	163°, 6%, 88%
XYZ	66.1523, 72.1803, 78.1557
YIQ	219.3580, -7.0600, -4.2120

Conversions

Conversions Part 2

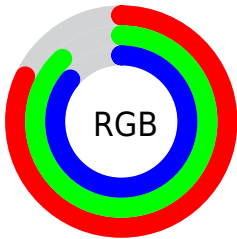
Format	Color
R _Y B	210, 218, 224
Decimal	13820124
CIE Lab	88.06, -5.41, 0.33
CIE LCh	88, 5.421, 176.482
Yxy	72.1803, 0.3056, 0.3334
Android (android.graphics.Color)	4292010204 (0xFFD2E0DC)
YUV	219.3580, 0.3165, -8.2070
Hunter-Lab	84.9590, -9.6913, 4.9291

Details

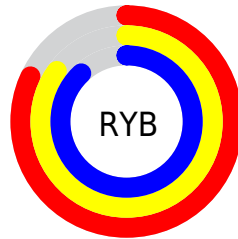
The XYZ color **66.1523, 72.1803, 78.1557** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9274, 66.7975, 73.0404**, and the grayscale version is **67.5836, 71.1032, 77.4314**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6898, 38.1605, 41.1347** is the 20% darker color. If you saturate the color by 10%, you get **59.3842, 68.7894, 73.4967**, and if you desaturate by 10%, it is **73.8497, 76.0506, 83.0308**.

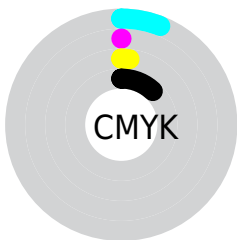
Distribution



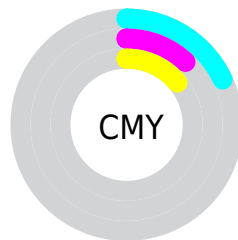
- Red (82%)
- Green (88%)
- Blue (86%)



- Red (82%)
- Yellow (85%)
- Blue (88%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (18%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1523, 72.1803, 78.1557 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 66.1523, 72.1803, 78.1557 by changing the saturation by 10% instead.

■ 66.1523, 72.1803,
78.1557

■ 66.1523, 72.1803,
78.1557

436.4014,
468.1689, 508.2374

■ 48.6642, 53.3060,
57.6847

112.7614,
122.3128, 132.5575

■ 34.5666, 38.0471,
41.1422

142.6131,
154.3398, 167.3253

■ 23.4942, 26.0192,
28.1097

177.3168,
191.5198, 207.6958

■ 15.0815, 16.8380,
18.1686

217.2377,
234.2373, 254.0875

■ 8.9633, 10.1191,
10.9004

262.7413,
282.8765, 306.9190

■ 4.7742, 5.4780,
5.8866

314.1929,

■ 2.1488, 2.5303,

337.8219, 366.6087

2.7086

371.9578,
399.4579, 433.5754

■ 0.7155, 0.8918,
0.9477

■ 0.0000, 0.0000,
0.0000

■ 66.1523, 72.1803,
78.1557

■ 66.1523, 72.1803,
78.1557

■ 59.3842, 68.7894,
73.4967

■ 73.8497, 76.0506,
83.0308

■ 53.5019, 65.8494,
69.0455


■ 82.5054, 80.4091,
88.1208

■ 48.4679, 63.3430,
64.7998


■ 83.5088, 80.8188,
93.0259


■ 44.2391, 61.2481,
60.7558


■ 84.4732, 81.2045,
98.1044


 40.7689, 59.5407,
56.9092


 85.4714, 81.6038,
103.3612

 38.0054, 58.1941,
53.2557

 85.9470, 81.7941,
105.8657

 35.8903, 57.1782,
49.7904

 34.3556, 56.4581,
46.5081

 33.3160, 55.9898,
43.4026

Harmonies

Analogous

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



66.5522, 72.1803, 74.7235



66.1523, 72.1803, 78.1557



66.4028, 72.1803, 81.8116

Triad

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



66.1523, 72.1803, 78.1557



69.7204, 72.1803, 85.1424



69.9880, 72.1803, 72.8013

Complementary

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



66.1523, 72.1803, 78.1557



65.9274, 66.7975, 73.0404

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.



70.8558, 72.1803, 75.4581



66.1523, 72.1803, 78.1557



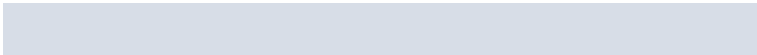
70.7000, 72.1803, 82.5919

Square

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



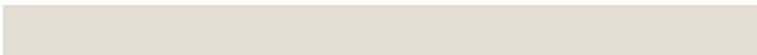
66.1523, 72.1803, 78.1557



68.4527, 72.1803, 85.9190



71.1180, 72.1803, 79.0301



68.7580, 72.1803, 71.6940

Rectangle

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



66.1523, 72.1803, 78.1557



66.9066, 72.1803, 83.8719



71.1180, 72.1803, 79.0301



70.3323, 72.1803, 73.5386

Sweetspot

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



66.1543, 72.1834, 78.1573



92.9646, 98.9520, 107.5816



66.0809, 72.2940, 71.4452



19.9201, 21.1908, 23.0408



0.0000, 0.0000, 0.0000



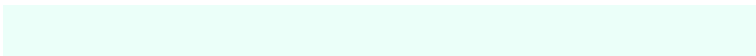
20.3446, 21.4041, 23.3091

Same Dimension

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



66.1543, 72.1834, 78.1573



87.0141, 95.9642, 103.6964



65.9446, 70.9049, 80.7351



13.9407, 15.5020, 16.7232



19.2586, 32.5283, 24.8824



1.3729, 2.2699, 1.9248

Inverse Universe

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



65.9274, 66.7975, 73.0404



86.6264, 86.7649, 94.9569



66.1197, 67.9905, 70.6125



13.8676, 13.7647, 15.0727



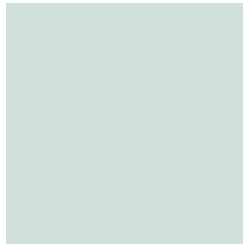
18.4755, 9.4572, 3.9038



1.3185, 0.6707, 0.4702

Previews

White Background



This preview shows how the XYZ color 66.1523, 72.1803, 78.1557 looks on a white background.

Color Contrast Check

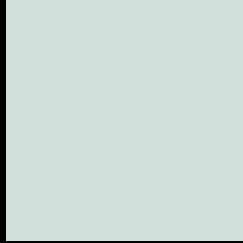
Large Text (above 18pt) WCAG AA × Fail

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 66.1523, 72.1803, 78.1557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

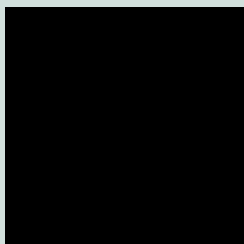
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

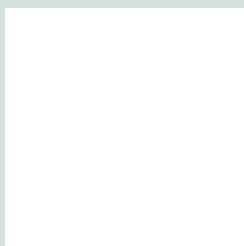
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1523, 72.1803, 78.1557

Background



This preview shows how black text looks on a background with the XYZ color 66.1523, 72.1803, 78.1557.

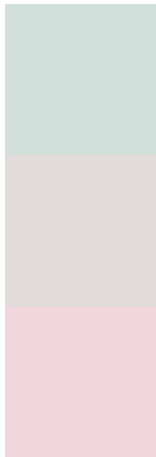


This preview shows how white text looks on a background with the XYZ color 66.1523, 72.1803,

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

66.1523, 72.1803, 78.1557

Protanopia

69.1689, 72.2037, 75.9368

Deuteranopia

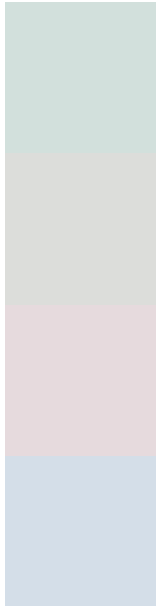
73.5070, 72.0678, 79.1435



Tritanopia

68.8770, 72.0910, 91.9461

Trichromacy



Original Color

66.1523, 72.1803, 78.1557

Protanomaly

68.0265, 71.9905, 76.6398

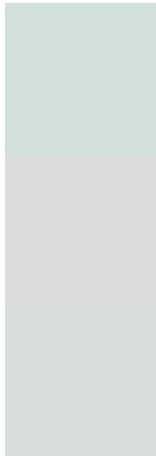
Deuteranomaly

70.7557, 72.1863, 78.6107

Tritanomaly

67.8381, 72.0658, 86.6786

Monochromacy



Original Color

66.1523, 72.1803, 78.1557

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.9615, 71.4263, 77.2752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1523, 72.1803, 78.1557 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(210, 224, 220) looks like.

```
.text, #text, p{  
    color:rgb(210, 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(210, 224, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 224, 220) }
```

Border

The CSS property to change the border of an element to XYZ 66.1523, 72.1803, 78.1557 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(210, 224, 220) }
```


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

```
.border{ border-color:rgb(210, 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(210, 224, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 224, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 224, 220);  
box-shadow:4px 4px 4px 4px rgb(210, 224,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1523, 72.1803, 78.1557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 224, 220) }
```

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

```
.background{ background-color: rgb(210,  
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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