

Converting Colors

XYZ(66.7142, 71.2319, 78.5587)

Have a look what the booklet for
XYZ(66.7142, 71.2319, 78.5587)
contains.

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Color

**XYZ(66.6392, 71.2295,
78.6430)**

Conversions

Conversions Part 1

Format	Color
Hex	D6DDDD
RGB	214, 221, 221
RGB Percent	84%, 87%, 87%
CMY	0.1608, 0.1333, 0.1333
CMYK	0.03, 0.00, 0.00, 0.13
HSL	180°, 9%, 85%
HSV	180°, 3%, 87%
XYZ	66.6392, 71.2295, 78.6430
YIQ	218.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

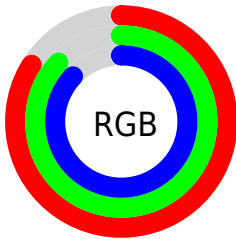
Format	Color
R_{YB}	214, 218, 221
Decimal	14081501
CIE Lab	87.60, -2.35, -0.83
CIE LCh	88, 2.490, 199.469
Yxy	71.2295, 0.3078, 0.3290
Android (android.graphics.Color)	4292271581 (0xFFD6DDDD)
YUV	218.9070, 1.0318, -4.3034
Hunter-Lab	84.3976, -6.7545, 3.8309

Details

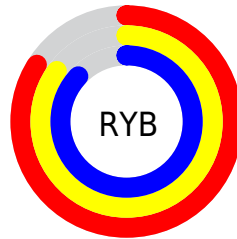
The XYZ color **66.6392, 71.2295, 78.6430** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0057, 68.3223, 73.3306**, and the grayscale version is **67.2644, 70.7673, 77.0656**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8172, 37.3965, 41.4596** is the 20% darker color. If you saturate the color by 10%, you get **60.6209, 68.1291, 78.3550**, and if you desaturate by 10%, it is **73.5367, 74.7871, 78.9751**.

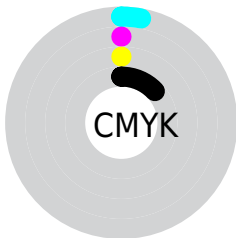
Distribution



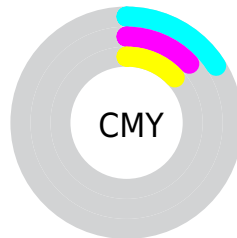
- Red (84%)
- Green (87%)
- Blue (87%)



- Red (84%)
- Yellow (85%)
- Blue (87%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6392, 71.2295, 78.6430 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 66.6392, 71.2295, 78.6430 by changing the saturation by 10% instead.

■ 66.6392, 71.2295,
78.6430

■ 66.6392, 71.2295,
78.6430

438.1121,
464.8553, 509.9335

■ 49.0611, 52.5295,
58.0828

113.4559,
120.9604, 133.2503

■ 34.8827, 37.4273,
41.4600

143.4252,
152.7602, 168.1344

■ 23.7386, 25.5385,
28.3563

178.2557,
189.6953, 208.6301

■ 15.2635, 16.4787,
18.3531

218.3126,
232.1502, 255.1562

■ 9.0921, 9.8635,
11.0317

263.9614,
280.5092, 308.1310

■ 4.8589, 5.3086,
5.9737

315.5673,

■ 2.1986, 2.4294,

335.1568, 367.9731

2.7606

373.4957,
396.4774, 435.1011

■ 0.7420, 0.8410,
0.9737

■ 0.0000, 0.0000,
0.0000

■ 66.6392, 71.2295,
78.6430

■ 66.6392, 71.2295,
78.6430

■ 60.6209, 68.1291,
78.3550

■ 73.5367, 74.7871,
78.9751

■ 55.4407, 65.4588,
78.1048

■ 80.1521, 78.1973,
79.2925

■ 51.0633, 63.2023,
77.8921

■ 80.1536, 78.1979,
79.3003

■ 47.4484, 61.3390,
77.7152

■ 80.1551, 78.1985,
79.3082

44.5526, 59.8463,
77.5718

80.1566, 78.1991,
79.3161

42.3278, 58.6995,
77.4599

80.1581, 78.1997,
79.3239

40.7200, 57.8709,
77.3769

80.1596, 78.2003,
79.3318

39.6673, 57.3283,
77.3198

80.1611, 78.2009,
79.3397

39.0943, 57.0331,
77.2852

80.1626, 78.2015,
79.3476

Harmonies

Analogous

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



66.5940, 71.2295, 76.9654



66.6392, 71.2295, 78.6430



66.9681, 71.2295, 80.0485

Triad

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



66.6392, 71.2295, 78.6430



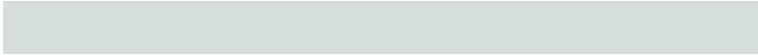
68.5660, 71.2295, 79.6841



67.9087, 71.2295, 74.4111

Complementary

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



66.6392, 71.2295, 78.6430



66.0057, 68.3223, 73.3306

Split Complementary

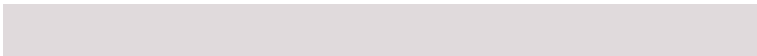
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.4403, 71.2295, 75.1173



66.6392, 71.2295, 78.6430



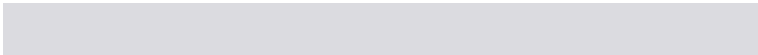
68.8212, 71.2295, 78.1512

Square

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



66.6392, 71.2295, 78.6430



68.0797, 71.2295, 80.6556



68.7750, 71.2295, 76.4807



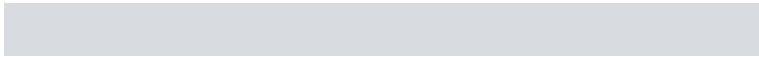
67.3247, 71.2295, 74.5384

Rectangle

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



66.6392, 71.2295, 78.6430



67.3050, 71.2295, 80.6345



68.7750, 71.2295, 76.4807



68.0995, 71.2295, 74.5585

Sweetspot

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



66.6412, 71.2325, 78.6446



94.1178, 99.5195, 108.8553



65.7618, 70.8847, 73.8356



20.1549, 21.3063, 23.3000



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.



66.6412, 71.2325, 78.6446



91.3956, 98.1162, 108.7246



65.7569, 69.4632, 78.3521



14.0619, 15.1477, 16.8340



22.5935, 33.0700, 44.8860



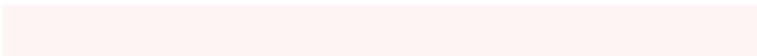
1.4638, 2.1425, 2.9084

Inverse Universe

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



66.0057, 68.3223, 73.3306



90.2836, 93.0245, 99.4274



66.8708, 70.0534, 73.6167



13.8615, 14.2299, 15.1582



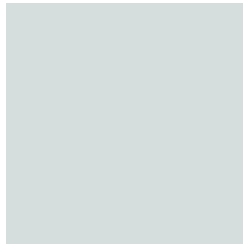
17.3227, 8.9301, 0.8132



1.1223, 0.5786, 0.0532

Previews

White Background



This preview shows how the XYZ color 66.6392, 71.2295, 78.6430 looks on a white background.

Color Contrast Check

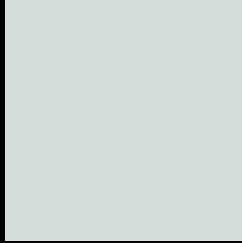
Large Text (above 18pt) WCAG AA × Fail

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 66.6392, 71.2295, 78.6430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

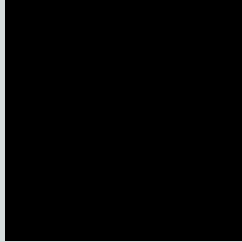
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

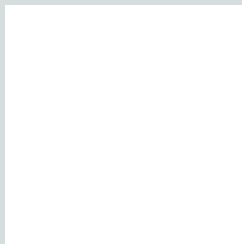
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.6392, 71.2295, 78.6430

Background



This preview shows how black text looks on a background with the XYZ color 66.6392, 71.2295, 78.6430.

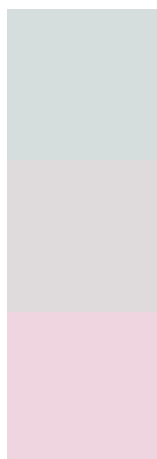


This preview shows how white text looks on a background with the XYZ color 66.6392, 71.2295,

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

66.6392, 71.2295, 78.6430

Protanopia

68.2890, 70.9453, 77.1124

Deuteranopia

72.7101, 71.2669, 79.7357



Tritanopia

68.7907, 71.3181, 89.4970

Trichromacy



Original Color

66.6392, 71.2295, 78.6430

Protanomaly

67.7650, 71.0460, 77.8518

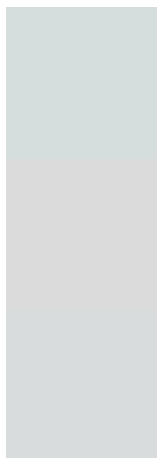
Deuteranomaly

70.3738, 71.2087, 79.1428

Tritanomaly

68.0413, 71.4030, 85.7973

Monochromacy



Original Color

66.6392, 71.2295, 78.6430

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.1267, 71.1054, 77.8969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6392, 71.2295, 78.6430 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, 221, 221) looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 221, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 221, 221) }
```

Border

The CSS property to change the border of an element to XYZ 66.6392, 71.2295, 78.6430 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, 221, 221) }
```


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

```
.border{ border-color:rgb(214, 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(214, 221, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 221, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 221, 221);  
box-shadow:4px 4px 4px 4px rgb(214, 221,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6392, 71.2295, 78.6430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 221, 221) }
```

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

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