

Converting Colors

XYZ(67.6708, 71.0887, 78.2839)

Have a look what the booklet for
XYZ(67.6708, 71.0887, 78.2839)
contains.

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Color

**XYZ(67.5961, 70.9436,
78.5374)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDBDD
RGB	219, 219, 221
RGB Percent	86%, 86%, 87%
CMY	0.1412, 0.1412, 0.1333
CMYK	0.01, 0.01, 0.00, 0.13
HSL	240°, 3%, 86%
HSV	240°, 1%, 87%
XYZ	67.5961, 70.9436, 78.5374
YIQ	219.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

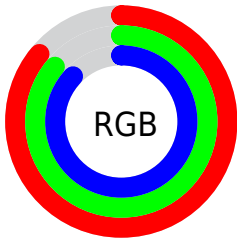
Format	Color
R _Y B	219, 219, 221
Decimal	14408669
CIE Lab	87.46, 0.37, -0.99
CIE LCh	87, 1.055, 290.329
Yxy	70.9436, 0.3114, 0.3268
Android (android.graphics.Color)	4292598749 (0xFFDBDBDD)
YUV	219.2280, 0.8736, -0.2000
Hunter-Lab	84.2280, -4.1462, 3.6754

Details

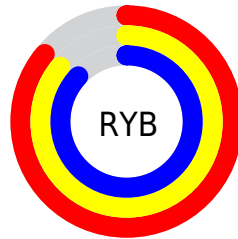
The XYZ color **67.5961, 70.9436, 78.5374** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4615, 72.1986, 77.3463**, and the grayscale version is **67.4864, 71.0009, 77.3200**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4682, 37.1966, 41.3867** is the 20% darker color. If you saturate the color by 10%, you get **56.0057, 56.9861, 76.4553**, and if you desaturate by 10%, it is **80.8358, 86.8874, 80.9181**.

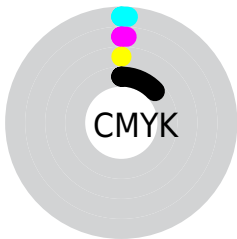
Distribution



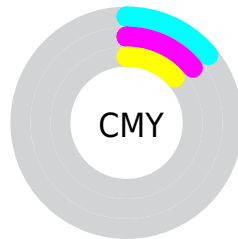
- Red (86%)
- Green (86%)
- Blue (87%)



- Red (86%)
- Yellow (86%)
- Blue (87%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (14%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5961, 70.9436, 78.5374 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 67.5961, 70.9436, 78.5374 by changing the saturation by 10% instead.

■ 67.5961, 70.9436,
78.5374

■ 67.5961, 70.9436,
78.5374

441.4628,
463.8563, 509.5662

■ 49.8417, 52.2962,
57.9965

114.8192,
120.5534, 133.1002

■ 35.5049, 37.2412,
41.3911

145.0187,
152.2846, 167.9591

■ 24.2204, 25.3943,
28.3028

180.0972,
189.1458, 208.4278

■ 15.6228, 16.3711,
18.3130

220.4201,
231.5214, 254.9247

■ 9.3468, 9.7871,
11.0032

266.3527,
279.7959, 307.8685

■ 5.0270, 5.2580,
5.9548

318.2605,

■ 2.2980, 2.3994,

334.3536, 367.6776

2.7493

376.5088,
395.5789, 434.7707

■ 0.7937, 0.8256,
0.9681

■ 0.0000, 0.0000,
0.0000

■ 67.5961, 70.9436,
78.5374

■ 67.5961, 70.9436,
78.5374

■ 56.0057, 56.9861,
76.4553

■ 80.8358, 86.8874,
80.9181

■ 45.9943, 44.9283,
74.6555

■ 90.0513, 98.0005,
82.5775

■ 37.4954, 34.6909,
73.1275

■ 30.4355, 26.1856,
71.8579

■ 24.7350, 19.3166,
70.8325

■ 20.3065, 13.9789,
70.0356

■ 17.0526, 10.0553,
69.4498

■ 14.8617, 7.4115,
69.0549

■ 13.6006, 5.8878,
68.8273

Harmonies

Analogous

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



67.3494, 70.9436, 78.6040



67.5961, 70.9436, 78.5374



67.7987, 70.9436, 78.1235

Triad

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



67.5961, 70.9436, 78.5374



67.7356, 70.9436, 76.1957



66.9593, 70.9436, 77.0156

Complementary

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



67.5961, 70.9436, 78.5374



68.4615, 72.1986, 77.3463

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.



67.0622, 70.9436, 76.3742



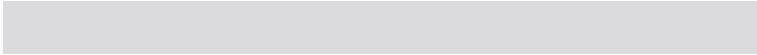
67.5961, 70.9436, 78.5374



67.5102, 70.9436, 75.9028

Square

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



67.5961, 70.9436, 78.5374



67.8794, 70.9436, 76.7705



67.2637, 70.9436, 75.9679



66.9822, 70.9436, 77.7225

Rectangle

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



67.5961, 70.9436, 78.5374



67.8812, 70.9436, 77.7076



67.2637, 70.9436, 75.9679



66.9803, 70.9436, 76.7852

Sweetspot

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



67.5981, 70.9466, 78.5389

95.0500, 100.0000, 108.9000



68.1176, 71.9928, 78.6902



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



67.5981, 70.9466, 78.5389



93.3115, 97.9064, 108.5875



67.8888, 71.0950, 78.5523



14.4687, 15.1838, 16.8203



7.5852, 3.0398, 39.9254



0.4921, 0.1984, 2.5868

Inverse Universe

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



67.9380, 71.1510, 77.1743



93.8348, 98.2209, 106.4867



68.1690, 72.0493, 77.3329



14.5445, 15.2294, 16.5159



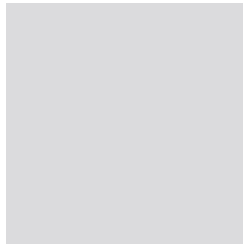
17.3240, 8.9306, 0.8202



1.1227, 0.5787, 0.0550

Previews

White Background



This preview shows how the XYZ color 67.5961, 70.9436, 78.5374 looks on a white background.

Color Contrast Check

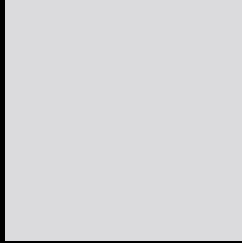
Large Text (above 18pt) WCAG AA × Fail

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 67.5961, 70.9436, 78.5374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

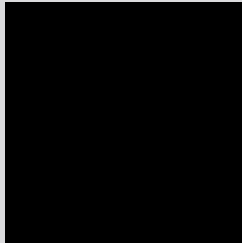
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

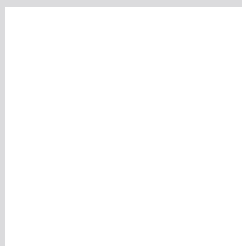
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5961, 70.9436, 78.5374

Background



This preview shows how black text looks on a background with the XYZ color 67.5961, 70.9436, 78.5374.

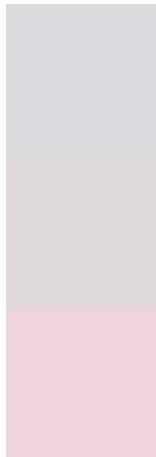


This preview shows how white text looks on a background with the XYZ color 67.5961, 70.9436,

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

67.5961, 70.9436, 78.5374

Protanopia

68.1139, 70.8397, 77.7936

Deuteranopia

72.3249, 70.7116, 78.9440



Tritanopia

69.4829, 70.9384, 87.8722

Trichromacy



Original Color

67.5961, 70.9436, 78.5374

Protanomaly

67.8085, 70.6823, 77.7793

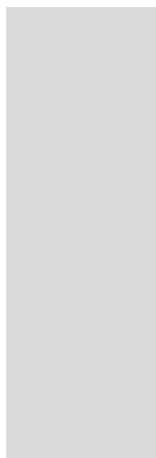
Deuteranomaly

70.7640, 71.0306, 79.0879

Tritanomaly

68.7295, 71.0156, 84.2137

Monochromacy



Original Color

67.5961, 70.9436, 78.5374

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.4632, 70.8904, 77.8377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5961, 70.9436, 78.5374 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(219, 219, 221) looks like.

```
.text, #text, p{  
    color:rgb(219, 219, 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(219, 219, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 219, 221) }
```

Border

The CSS property to change the border of an element to XYZ 67.5961, 70.9436, 78.5374 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(219, 219, 221) }
```

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

```
.border{ border-color:rgb(219, 219, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 219, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 219, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 219, 221);  
box-shadow:4px 4px 4px 4px rgb(219, 219,  
221) }
```


Background

The CSS property to change the background color of an element to XYZ 67.5961, 70.9436, 78.5374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 219, 221) }
```

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

```
.background{ background-color: rgb(219,  
219, 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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