

Converting Colors

XYZ(67.4974, 71.6282, 73.3243)

Have a look what the booklet for
XYZ(67.4974, 71.6282, 73.3243)
contains.

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Color

**XYZ(67.6855, 71.8892,
73.2594)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDDD5
RGB	221, 221, 213
RGB Percent	87%, 87%, 84%
CMY	0.1333, 0.1333, 0.1647
CMYK	0.00, 0.00, 0.04, 0.13
HSL	60°, 11%, 85%
HSV	60°, 4%, 87%
XYZ	67.6855, 71.8892, 73.2594
YIQ	220.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

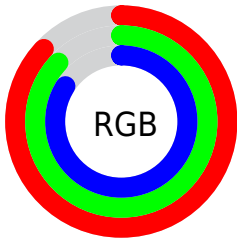
Format	Color
R _Y B	213, 221, 213
Decimal	14540245
CIE Lab	87.92, -1.41, 3.91
CIE LCh	88, 4.158, 109.816
Yxy	71.8892, 0.3180, 0.3378
Android (android.graphics.Color)	4292730325 (0xFFDDDDD5)
YUV	220.0880, -3.4944, 0.7998
Hunter-Lab	84.7875, -5.8823, 8.1226

Details

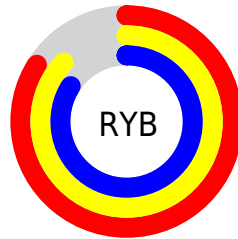
The XYZ color **67.6855, 71.8892, 73.2594** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2888, 66.9571, 77.9461**, and the grayscale version is **68.1130, 71.6602, 78.0380**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5337, 37.8480, 37.7803** is the 20% darker color. If you saturate the color by 10%, you get **65.0666, 70.8435, 59.4779**, and if you desaturate by 10%, it is **70.6908, 73.0940, 89.0574**.

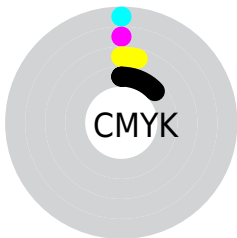
Distribution



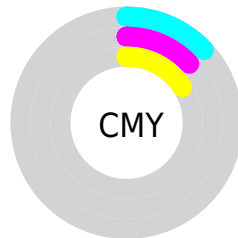
- Red (87%)
- Green (87%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6855, 71.8892, 73.2594 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 67.6855, 71.8892, 73.2594 by changing the saturation by 10% instead.

■ 67.6855, 71.8892,
73.2594

■ 67.6855, 71.8892,
73.2594

441.7751,
467.1559, 491.0082

■ 49.9147, 53.0682,
53.6950

114.9465,
121.8990, 125.5697

■ 35.5631, 37.8572,
37.9663

145.1674,
153.8565, 159.1527

■ 24.2655, 25.8719,
25.6549

180.2690,
190.9617, 198.2456

■ 15.6565, 16.7278,
16.3422

220.6166,
233.5989, 243.2670

■ 9.3707, 10.0406,
9.6097

266.5757,
282.1525, 294.6355

■ 5.0428, 5.4259,
5.0387

318.5116,

■ 2.3074, 2.4993,

337.0070, 352.7694

2.2109

376.7896,
398.5466, 418.0875

■ 0.7985, 0.8763,
0.6806

■ 0.0000, 0.0000,
0.0000

■ 67.6855, 71.8892,
73.2594

■ 67.6855, 71.8892,
73.2594

■ 65.0666, 70.8435,
59.4779

■ 70.6908, 73.0940,
89.0574

■ 62.8126, 69.9415,
47.6275

■ 73.7342, 74.3118,
105.0651

■ 60.9093, 69.1798,
37.6233

■ 73.7378, 74.3136,
105.0653

■ 59.3389, 68.5512,
29.3724

■ 73.7413, 74.3155,
105.0655

■ 58.0823, 68.0482,
22.7738

■ 73.7449, 74.3173,
105.0656

■ 57.1184, 67.6622,
17.7165

■ 73.7484, 74.3192,
105.0658

■ 56.4234, 67.3838,
14.0754

■ 73.7520, 74.3210,
105.0660

■ 55.9700, 67.2020,
11.7063

■ 73.7556, 74.3228,
105.0661

■ 55.7249, 67.1036,
10.4342

■ 73.7591, 74.3247,
105.0663

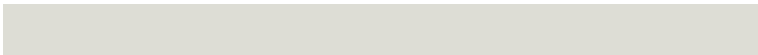
Harmonies

Analogous

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



68.6655, 71.8892, 73.0330



67.6855, 71.8892, 73.2594



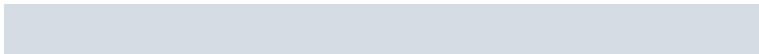
66.8851, 71.8892, 74.8112

Triad

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



67.6855, 71.8892, 73.2594



67.1081, 71.8892, 82.5127



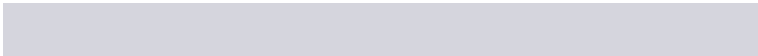
70.2185, 71.8892, 79.2426

Complementary

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



67.6855, 71.8892, 73.2594



64.2888, 66.9571, 77.9461

Split Complementary

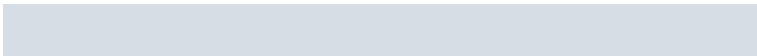
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.7926, 71.8892, 81.8443



67.6855, 71.8892, 73.2594



67.9926, 71.8892, 83.7622

Square

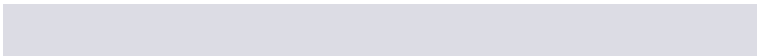
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.6855, 71.8892, 73.2594



66.5540, 71.8892, 80.1371



68.9756, 71.8892, 83.5147



70.1343, 71.8892, 76.4422

Rectangle

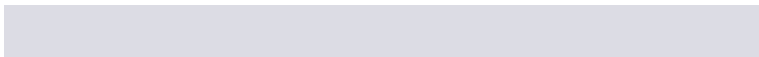
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.6855, 71.8892, 73.2594



66.5581, 71.8892, 76.4099



68.9756, 71.8892, 83.5147



70.1301, 71.8892, 80.1705

Sweetspot

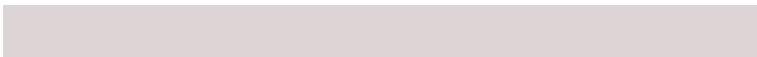
The Sweet Spot groups the original color and five complimentary colors.



67.6875, 71.8923, 73.2610



94.6416, 99.8366, 106.7520



65.6256, 67.7665, 72.5733



20.2615, 21.3709, 22.8720



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.



67.6875, 71.8923, 73.2610



93.4489, 99.3593, 100.4792



66.4847, 71.2722, 73.2047



14.4320, 15.3718, 15.3478



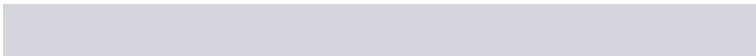
32.3222, 38.9602, 5.8165



2.0942, 2.5241, 0.3768

Inverse Universe

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



64.2888, 66.9571, 77.9461



88.2303, 91.7814, 107.6731



65.4629, 67.5623, 78.0010



13.4914, 14.0058, 16.6445



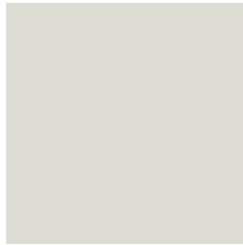
7.5828, 3.0332, 39.9242



0.4915, 0.1966, 2.5865

Previews

White Background



This preview shows how the XYZ color 67.6855, 71.8892, 73.2594 looks on a white background.

Color Contrast Check

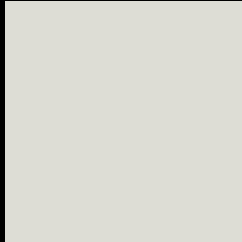
Large Text (above 18pt) WCAG AA × Fail

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 67.6855, 71.8892, 73.2594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

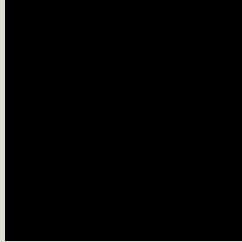
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

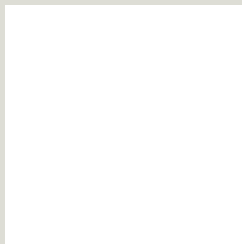
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.6855, 71.8892, 73.2594

Background



This preview shows how black text looks on a background with the XYZ color 67.6855, 71.8892, 73.2594.



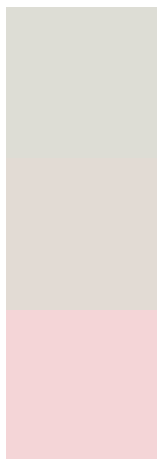
This preview shows how white text looks on a background with the XYZ color 67.6855, 71.8892,

73.2594.

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

67.6855, 71.8892, 73.2594

Protanopia

68.5792, 71.5853, 72.4902

Deuteranopia

73.3682, 71.7279, 74.2679



Tritanopia

70.8073, 71.9883, 88.7604

Trichromacy



Original Color

67.6855, 71.8892, 73.2594

Protanomaly

68.2173, 71.7872, 72.5482

Deuteranomaly

71.2855, 71.7996, 73.7199

Tritanomaly

69.6281, 71.8971, 82.8808

Monochromacy



Original Color

67.6855, 71.8892, 73.2594

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.6328, 71.4118, 75.8649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6855, 71.8892, 73.2594 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(221, 221, 213)` looks like.

```
.text, #text, p{  
    color:rgb(221, 221, 213)  
}
```

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(221, 221, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 221, 213) }
```

Border

The CSS property to change the border of an element to XYZ 67.6855, 71.8892, 73.2594 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(221, 221, 213) }
```


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

```
.border{ border-color:rgb(221, 221, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 221, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 221, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 221, 213);  
box-shadow:4px 4px 4px 4px rgb(221, 221,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6855, 71.8892, 73.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 221, 213) }
```

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

```
.background{ background-color: rgb(221,  
221, 213) }
```

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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