

Converting Colors

XYZ(66.7663, 71.5513, 69.4927)

Have a look what the booklet for
XYZ(66.7663, 71.5513, 69.4927)
contains.

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Color

**XYZ(66.6341, 71.4335,
69.3075)**

Conversions

Conversions Part 1

Format	Color
Hex	DCDDCF
RGB	220, 221, 207
RGB Percent	86%, 87%, 81%
CMY	0.1373, 0.1333, 0.1882
CMYK	0.00, 0.00, 0.06, 0.13
HSL	64°, 17%, 84%
HSV	64°, 6%, 87%
XYZ	66.6341, 71.4335, 69.3075
YIQ	219.1050, 3.8980, -4.5660

Conversions

Conversions Part 2

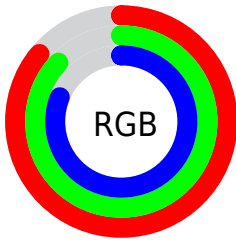
Format	Color
R _Y B	207, 221, 208
Decimal	14474703
CIE Lab	87.70, -2.79, 6.74
CIE LCh	88, 7.295, 112.445
Yxy	71.4335, 0.3213, 0.3445
Android (android.graphics.Color)	4292664783 (0xFFDCDDCF)
YUV	219.1050, -5.9678, 0.7849
Hunter-Lab	84.5183, -7.1780, 10.5433

Details

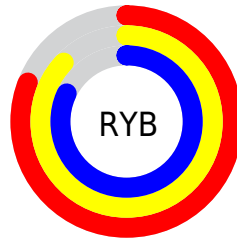
The XYZ color **66.6341, 71.4335, 69.3075** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3791, 63.2579, 77.3853**, and the grayscale version is **67.4447, 70.9570, 77.2722**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9030, 37.5717, 35.5495** is the 20% darker color. If you saturate the color by 10%, you get **63.6425, 70.1840, 56.0367**, and if you desaturate by 10%, it is **70.0125, 72.8429, 84.5735**.

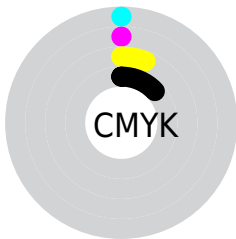
Distribution



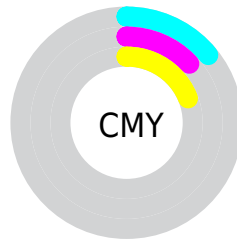
- Red (86%)
- Green (87%)
- Blue (81%)



- Red (81%)
- Yellow (87%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)



- Cyan (14%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6341, 71.4335, 69.3075 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 66.6341, 71.4335, 69.3075 by changing the saturation by 10% instead.

■ 66.6341, 71.4335,
69.3075

■ 66.6341, 71.4335,
69.3075

438.0942,
465.5674, 476.8380

■ 49.0569, 52.6960,
50.4889

113.4487,
121.2508, 119.8925

■ 34.8794, 37.5602,
35.4281

143.4167,
153.0994, 152.4960

■ 23.7360, 25.6415,
23.7066

178.2459,
190.0872, 190.5314

■ 15.2616, 16.5556,
14.9060

218.3014,
232.5985, 234.4175

■ 9.0907, 9.9182,
8.6075

263.9486,
281.0178, 284.5726

■ 4.8580, 5.3447,
4.3928

315.5529,

■ 2.1981, 2.4509,

335.7295, 341.4154

1.8432

373.4797,
397.1179, 405.3643

■ 0.7417, 0.8519,
0.4562

■ 0.0000, 0.0000,
0.0000

■ 66.6341, 71.4335,
69.3075

■ 66.6341, 71.4335,
69.3075

■ 63.6425, 70.1840,
56.0367

■ 70.0125, 72.8429,
84.5735

■ 61.0160, 69.0788,
44.6744

■ 73.7865, 74.4087,
101.9077

■ 58.7401, 68.1143,
35.1339

■ 74.8830, 74.9040,
105.1189

■ 56.7966, 67.2833,
27.3204

■ 75.3787, 75.1596,
105.1421

■ 55.1658, 66.5780,
21.1304

■ 75.8790, 75.4175,
105.1655

■ 53.8261, 65.9895,
16.4495

■ 76.3840, 75.6778,
105.1891

■ 52.7527, 65.5081,
13.1481

■ 76.8935, 75.9404,
105.2130

■ 51.9171, 65.1224,
11.0751

■ 77.4077, 76.2055,
105.2370

■ 51.2830, 64.8178,
10.0407

■ 77.9265, 76.4729,
105.2613

Harmonies

Analogous

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



68.3334, 71.4335, 68.7179



66.6341, 71.4335, 69.3075



65.2940, 71.4335, 72.1193

Triad

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



66.6341, 71.4335, 69.3075



65.8893, 71.4335, 85.5731



71.2444, 71.4335, 79.0373

Complementary

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



66.6341, 71.4335, 69.3075



61.3791, 63.2579, 77.3853

Split Complementary

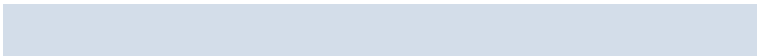
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.5650, 71.4335, 83.7272



66.6341, 71.4335, 69.3075



67.4593, 71.4335, 87.6035

Square

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



66.6341, 71.4335, 69.3075



64.8691, 71.4335, 81.4707



69.1725, 71.4335, 86.9140



71.0144, 71.4335, 74.2004

Rectangle

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



66.6341, 71.4335, 69.3075



64.7751, 71.4335, 74.9427



69.1725, 71.4335, 86.9140



71.1144, 71.4335, 80.6859

Sweetspot

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



66.6361, 71.4366, 69.3090



94.1052, 99.6066, 104.6264



63.6232, 64.9582, 68.2174



20.1523, 21.3240, 22.4391



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.



66.6361, 71.4366, 69.3090



91.4015, 98.4787, 92.4855



64.5814, 70.3774, 69.2129



14.0653, 15.2139, 13.9208



29.7114, 37.6143, 5.6943



1.9530, 2.4514, 0.3702

Inverse Universe

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



61.3791, 63.2579, 77.3853



82.2569, 84.2515, 106.5345



63.3709, 64.2847, 77.4785



12.4247, 12.6616, 16.4412



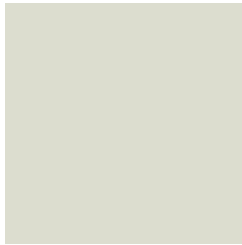
7.7394, 3.1140, 39.9315



0.5324, 0.2177, 2.5884

Previews

White Background



This preview shows how the XYZ color 66.6341, 71.4335, 69.3075 looks on a white background.

Color Contrast Check

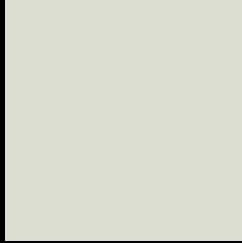
Large Text (above 18pt) WCAG AA × Fail

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 66.6341, 71.4335, 69.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

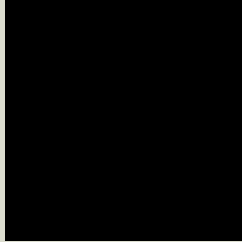
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

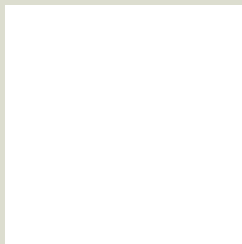
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.6341, 71.4335, 69.3075

Background



This preview shows how black text looks on a background with the XYZ color 66.6341, 71.4335, 69.3075.



This preview shows how white text looks on a background with the XYZ color 66.6341, 71.4335,

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

66.6341, 71.4335, 69.3075

Protanopia

68.1506, 71.4502, 68.5919

Deuteranopia

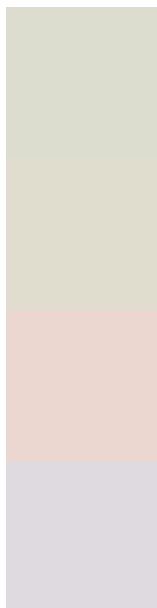
72.7083, 71.1029, 70.2137



Tritanopia

70.4046, 71.4135, 87.9154

Trichromacy



Original Color

66.6341, 71.4335, 69.3075

Protanomaly

67.4742, 71.4899, 68.6352

Deuteranomaly

70.2777, 70.9878, 69.6725

Tritanomaly

68.9574, 71.2126, 80.6320

Monochromacy



Original Color

66.6341, 71.4335, 69.3075

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.0724, 71.1528, 74.4887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6341, 71.4335, 69.3075 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, 221, 207)` looks like.

```
.text, #text, p{  
    color:rgb(220, 221, 207)  
}
```

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, 221, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 221, 207) }
```

Border

The CSS property to change the border of an element to XYZ 66.6341, 71.4335, 69.3075 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, 221, 207) }
```


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

```
.border{ border-color:rgb(220, 221, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 221, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 221, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 221, 207);  
box-shadow:4px 4px 4px 4px rgb(220, 221,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6341, 71.4335, 69.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 221, 207) }
```

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

```
.background{ background-color: rgb(220,  
221, 207) }
```

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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