

Converting Colors

XYZ(64.9992, 69.5465, 67.1258)

Have a look what the booklet for
XYZ(64.9992, 69.5465, 67.1258)
contains.

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Color

**XYZ(64.8839, 69.4079,
67.1040)**

Conversions

Conversions Part 1

Format	Color
Hex	DADACC
RGB	218, 218, 204
RGB Percent	85%, 85%, 80%
CMY	0.1451, 0.1451, 0.2000
CMYK	0.00, 0.00, 0.06, 0.15
HSL	60°, 16%, 83%
HSV	60°, 6%, 85%
XYZ	64.8839, 69.4079, 67.1040
YIQ	216.4040, 4.4940, -4.3540

Conversions

Conversions Part 2

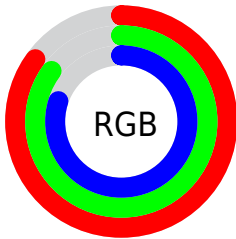
Format	Color
R _Y B	204, 218, 204
Decimal	14342860
CIE Lab	86.71, -2.44, 6.88
CIE LCh	87, 7.300, 109.554
Yxy	69.4079, 0.3222, 0.3446
Android (android.graphics.Color)	4292532940 (0xFFDADACC)
YUV	216.4040, -6.1152, 1.3997
Hunter-Lab	83.3114, -6.7771, 10.5623

Details

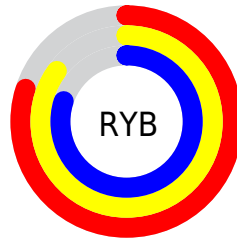
The XYZ color **64.8839, 69.4079, 67.1040** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1523, 61.0869, 75.0067**, and the grayscale version is **65.5856, 69.0012, 75.1423**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7065, 36.1829, 34.0616** is the 20% darker color. If you saturate the color by 10%, you get **62.4487, 68.4358, 54.2830**, and if you desaturate by 10%, it is **67.6890, 70.5324, 81.8557**.

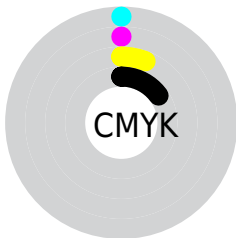
Distribution



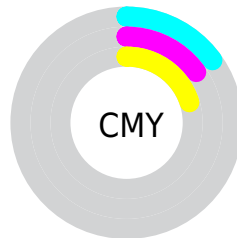
- Red (85%)
- Green (85%)
- Blue (80%)



- Red (80%)
- Yellow (85%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (15%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8839, 69.4079, 67.1040 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 64.8839, 69.4079, 67.1040 by changing the saturation by 10% instead.

■ 64.8839, 69.4079,
67.1040

■ 64.8839, 69.4079,
67.1040

431.9264,
458.4683, 468.8264

■ 47.6313, 51.0440,
48.7070

110.9496,
118.3640, 116.7115

■ 33.7450, 36.2436,
34.0232

140.4933,
149.7249, 148.7591

■ 22.8598, 24.6224,
22.6339

174.8649,
186.1870, 186.1939

■ 14.6101, 15.7960,
14.1207

214.4295,
228.1347, 229.4346

■ 8.6307, 9.3799,
8.0649

259.5526,
275.9522, 278.8997

■ 4.5563, 4.9898,
4.0482

310.5996,

■ 2.0214, 2.2413,

330.0240, 335.0076

1.6518

367.9358,
390.7346, 398.1770

■ 0.6459, 0.7424,
0.3274

■ 0.0000, 0.0000,
0.0000

■ 64.8839, 69.4079,
67.1040

■ 64.8839, 69.4079,
67.1040

■ 62.4487, 68.4358,
54.2830

■ 67.6890, 70.5324,
81.8557

■ 60.3626, 67.6012,
43.3085

■ 70.8724, 71.8060,
98.6086

■ 58.6113, 66.9004,
34.0970

■ 72.0428, 72.2744,
104.7610

■ 57.1773, 66.3265,
26.5566

■ 72.0449, 72.2755,
104.7611

■ 56.0416, 65.8720,
20.5871

■ 72.0470, 72.2766,
104.7612

■ 55.1832, 65.5284,
16.0776

■ 72.0491, 72.2777,
104.7613

■ 54.5783, 65.2862,
12.9031

■ 72.0512, 72.2788,
104.7614

■ 54.1991, 65.1343,
10.9171

■ 72.0533, 72.2798,
104.7615

■ 54.0105, 65.0586,
9.9348

■ 72.0554, 72.2809,
104.7616

Harmonies

Analogous

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



66.5636, 69.4079, 66.7498



64.8839, 69.4079, 67.1040



63.5177, 69.4079, 69.6710

Triad

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



64.8839, 69.4079, 67.1040



63.8756, 69.4079, 82.9114



69.2318, 69.4079, 77.2806

Complementary

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



64.8839, 69.4079, 67.1040



59.1523, 61.0869, 75.0067

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.



68.4849, 69.4079, 81.8001



64.8839, 69.4079, 67.1040



65.3802, 69.4079, 85.1423

Square

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



64.8839, 69.4079, 67.1040



62.9425, 69.4079, 78.7449



67.0684, 69.4079, 84.7270



69.0933, 69.4079, 72.4883

Rectangle

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



64.8839, 69.4079, 67.1040



62.9593, 69.4079, 72.3554



67.0684, 69.4079, 84.7270



69.0754, 69.4079, 78.8855

Sweetspot

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



64.8858, 69.4109, 67.1055



94.2390, 99.6755, 104.6327



61.4076, 62.4524, 65.9457



20.1795, 21.3381, 22.4404



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.



64.8858, 69.4109, 67.1055



91.9352, 98.7538, 92.5105



62.8371, 68.3547, 67.0096



14.1618, 15.2637, 13.9254



32.3302, 38.9643, 5.8169



2.0946, 2.5244, 0.3769

Inverse Universe

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



59.1523, 61.0869, 75.0067



81.7751, 84.0031, 106.5120



61.1138, 62.0981, 75.0985



12.3391, 12.6174, 16.4372



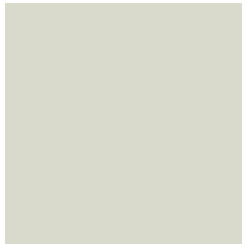
7.5823, 3.0330, 39.9242



0.4914, 0.1966, 2.5865

Previews

White Background



This preview shows how the XYZ color 64.8839, 69.4079, 67.1040 looks on a white background.

Color Contrast Check

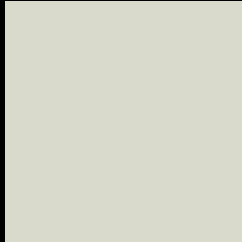
Large Text (above 18pt) WCAG AA × Fail

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 64.8839, 69.4079, 67.1040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

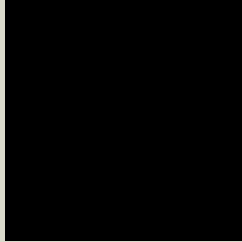
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

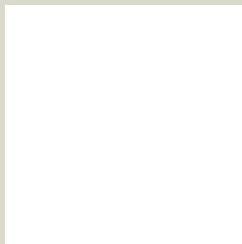
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.8839, 69.4079, 67.1040

Background



This preview shows how black text looks on a background with the XYZ color 64.8839, 69.4079, 67.1040.



This preview shows how white text looks on a background with the XYZ color 64.8839, 69.4079,

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

64.8839, 69.4079, 67.1040

Protanopia

66.0758, 69.2708, 66.3879

Deuteranopia

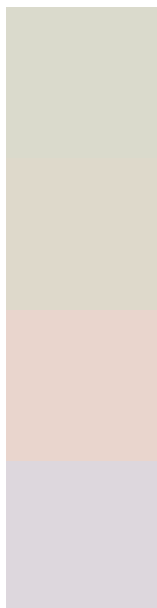
70.8051, 69.4267, 68.0614



Tritanopia

68.5946, 69.3923, 85.3800

Trichromacy



Original Color

64.8839, 69.4079, 67.1040

Protanomaly

65.7165, 69.4671, 66.4448

Deuteranomaly

68.4180, 69.3199, 67.5317

Tritanomaly

67.1704, 69.1935, 78.2220

Monochromacy



Original Color

64.8839, 69.4079, 67.1040

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.3118, 69.1309, 72.1887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8839, 69.4079, 67.1040 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(218, 218, 204) looks like.

```
.text, #text, p{  
    color:rgb(218, 218, 204)  
}
```

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(218, 218, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 218, 204) }
```

Border

The CSS property to change the border of an element to XYZ 64.8839, 69.4079, 67.1040 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(218, 218, 204) }
```


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

```
.border{ border-color:rgb(218, 218, 204) }
```

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

Here you see how a box with a 4 pixel rgb(218, 218, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 218, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 218, 204);  
box-shadow:4px 4px 4px 4px rgb(218, 218,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8839, 69.4079, 67.1040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 218, 204) }
```

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

```
.background{ background-color: rgb(218,  
218, 204) }
```

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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