

Converting Colors

XYZ(66.3021, 70.0064, 67.5689)

Have a look what the booklet for
XYZ(66.3021, 70.0064, 67.5689)
contains.

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Color

**XYZ(66.5223, 70.2386,
67.8089)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDACD
RGB	223, 218, 205
RGB Percent	87%, 85%, 80%
CMY	0.1255, 0.1451, 0.1961
CMYK	0.00, 0.02, 0.08, 0.13
HSL	43°, 22%, 84%
HSV	43°, 8%, 87%
XYZ	66.5223, 70.2386, 67.8089
YIQ	218.0130, 7.1530, -2.9830

Conversions

Conversions Part 2

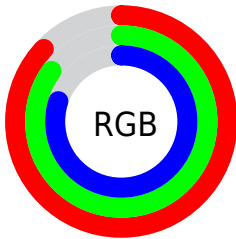
Format	Color
R _{YB}	212, 223, 205
Decimal	14670541
CIE Lab	87.11, -0.53, 6.99
CIE LCh	87, 7.008, 94.316
Yxy	70.2386, 0.3252, 0.3433
Android (android.graphics.Color)	4292860621 (0xFFFDACD)
YUV	218.0130, -6.4154, 4.3736
Hunter-Lab	83.8085, -4.9819, 10.6948

Details

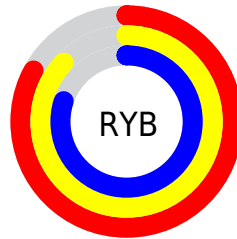
The XYZ color **66.5223, 70.2386, 67.8089** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.5426, 64.3989, 78.9994**, and the grayscale version is **66.6906, 70.1637, 76.4083**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8316, 36.7536, 34.5365** is the 20% darker color. If you saturate the color by 10%, you get **62.4455, 66.0898, 54.1024**, and if you desaturate by 10%, it is **71.0466, 74.6669, 83.5592**.

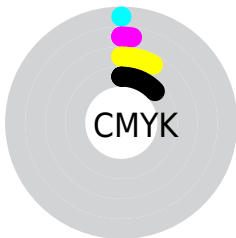
Distribution



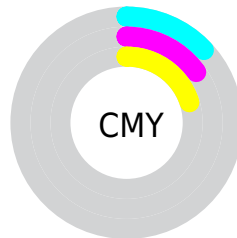
- Red (87%)
- Green (85%)
- Blue (80%)



- Red (83%)
- Yellow (87%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (13%)



- Cyan (13%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5223, 70.2386, 67.8089 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 66.5223, 70.2386, 67.8089 by changing the saturation by 10% instead.

■ 66.5223, 70.2386,
67.8089

■ 66.5223, 70.2386,
67.8089

437.7017,
461.3873, 471.3983

■ 48.9658, 51.7211,
49.2766

113.2892,
119.5490, 117.7303

■ 34.8068, 36.7828,
34.4718

143.2304,
151.1106, 149.9565

■ 23.6799, 25.0394,
22.9760

178.0304,
187.7890, 187.5844

■ 15.2198, 16.1064,
14.3706

218.0547,
229.9687, 231.0326

■ 9.0611, 9.5995,
8.2372

263.6686,
278.0339, 280.7195

■ 4.8385, 5.1342,
4.1572

315.2375,

■ 2.1866, 2.3262,

332.3692, 337.0637

1.7120

373.1268,
393.3589, 400.4838

■ 0.7357, 0.7875,
0.3689

■ 0.0000, 0.0000,
0.0000

■ 66.5223, 70.2386,
67.8089

■ 66.5223, 70.2386,
67.8089

■ 62.4455, 66.0898,
54.1024

■ 71.0466, 74.6669,
83.5592

■ 58.7937, 62.2036,
42.3498

■ 76.0285, 79.3729,
101.4288

■ 55.5509, 58.5747,
32.4614

■ 78.6425, 83.2296,
106.5278

■ 52.6976, 55.1945,
24.3386

■ 80.4613, 86.8672,
107.1340

■ 50.2128, 52.0533,
17.8735

■ 82.3425, 90.6296,
107.7611

■ 48.0731, 49.1407,
12.9465

■ 84.2418, 94.4282,
108.3942

■ 46.2520, 46.4450,
9.4218

■ 44.7186, 43.9527,
7.1396

■ 43.4290, 41.6450,
5.8728

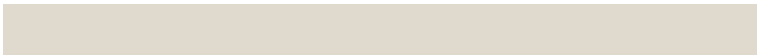
Harmonies

Analogous

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



68.1378, 70.2386, 68.6131



66.5223, 70.2386, 67.8089



64.9951, 70.2386, 69.2482

Triad

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



66.5223, 70.2386, 67.8089



64.1851, 70.2386, 81.6910



69.6464, 70.2386, 80.4652

Complementary

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



66.5223, 70.2386, 67.8089



61.5426, 64.3989, 78.9994

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.



68.5559, 70.2386, 84.1940



66.5223, 70.2386, 67.8089



65.4003, 70.2386, 84.9218

Square

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



66.5223, 70.2386, 67.8089



63.6598, 70.2386, 77.1606



66.9976, 70.2386, 85.8559



69.9586, 70.2386, 75.7993

Rectangle

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



66.5223, 70.2386, 67.8089



64.2273, 70.2386, 71.3225



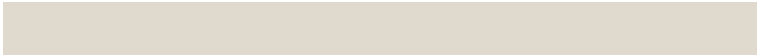
66.9976, 70.2386, 85.8559



69.3578, 70.2386, 81.8760

Sweetspot

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



66.5242, 70.2417, 67.8104



93.7897, 98.7761, 104.4827



63.9090, 64.0098, 70.0258



20.0881, 21.1550, 22.4099



0.0000, 0.0000, 0.0000



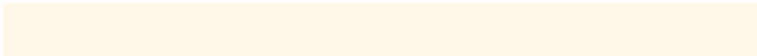
20.3446, 21.4041, 23.3091

Same Dimension

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



66.5242, 70.2417, 67.8104



88.9964, 94.0324, 87.9548



66.6515, 72.2596, 68.1932



14.5334, 15.3527, 14.5042



25.4976, 24.4332, 3.3722



1.8414, 1.8416, 0.2584

Inverse Universe

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



61.5426, 64.3989, 78.9994



80.6848, 84.2843, 106.6237



61.4178, 62.5321, 78.6457



13.2602, 13.8594, 17.3639



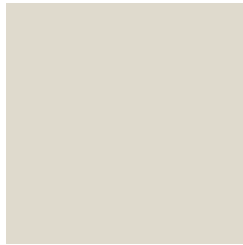
8.9229, 5.3153, 41.6040



0.6925, 0.5165, 2.9084

Previews

White Background



This preview shows how the XYZ color 66.5223, 70.2386, 67.8089 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 66.5223, 70.2386, 67.8089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

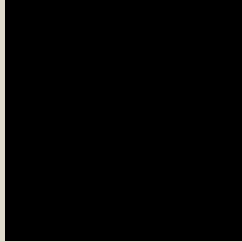
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

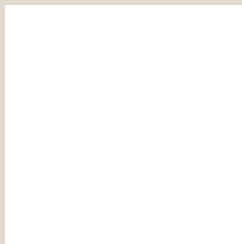
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.5223, 70.2386, 67.8089

Background



This preview shows how black text looks on a background with the XYZ color 66.5223, 70.2386, 67.8089.

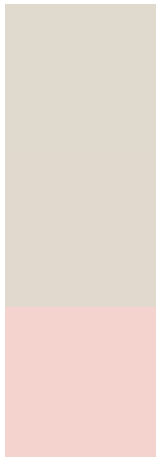


This preview shows how white text looks on a background with the XYZ color 66.5223, 70.2386, 67.8089.

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

66.5223, 70.2386, 67.8089

Protanopia

66.8836, 70.0410, 67.7517

Deuteranopia

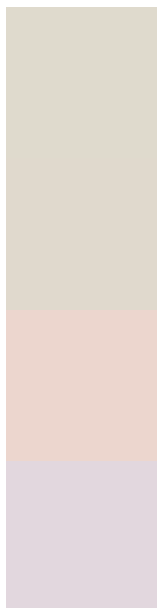
71.7431, 70.2779, 68.1762



Tritanopia

70.1489, 70.1935, 85.4528

Trichromacy



Original Color

66.5223, 70.2386, 67.8089

Protanomaly

66.5728, 69.8808, 67.7372

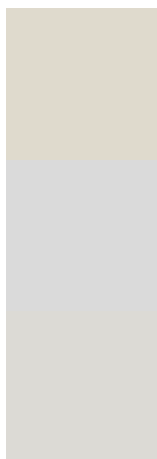
Deuteranomaly

69.7792, 70.3822, 68.2999

Tritanomaly

68.8493, 70.0436, 78.9983

Monochromacy



Original Color

66.5223, 70.2386, 67.8089

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.5968, 70.1625, 72.9835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5223, 70.2386, 67.8089 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(223, 218, 205) looks like.

```
.text, #text, p{  
    color:rgb(223, 218, 205)  
}
```

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(223, 218, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 218, 205) }
```

Border

The CSS property to change the border of an element to XYZ 66.5223, 70.2386, 67.8089 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(223, 218, 205) }
```


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

```
.border{ border-color:rgb(223, 218, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 218, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 218, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 218, 205); box-shadow:4px 4px 4px 4px rgb(223, 218, 205) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5223, 70.2386, 67.8089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 218, 205) }
```

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

```
.background{ background-color: rgb(223,  
218, 205) }
```

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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