

Converting Colors

XYZ(62.8170, 69.5553, 66.8890)

Have a look what the booklet for
XYZ(62.8170, 69.5553, 66.8890)
contains.

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Color

**XYZ(62.6484, 69.4346,
66.6002)**

Conversions

Conversions Part 1

Format	Color
Hex	D0DDCB
RGB	208, 221, 203
RGB Percent	82%, 87%, 80%
CMY	0.1843, 0.1333, 0.2039
CMYK	0.06, 0.00, 0.08, 0.13
HSL	103°, 21%, 83%
HSV	103°, 8%, 87%
XYZ	62.6484, 69.4346, 66.6002
YIQ	215.0610, -1.9700, -8.3540

Conversions

Conversions Part 2

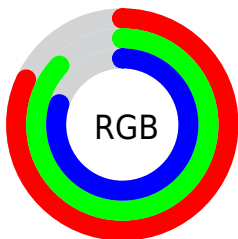
Format	Color
R_{YB}	203, 221, 216
Decimal	13688267
CIE Lab	86.72, -7.62, 7.33
CIE LCh	87, 10.569, 136.100
Yxy	69.4346, 0.3153, 0.3495
Android (android.graphics.Color)	4291878347 (0xFFD0DDCB)
YUV	215.0610, -5.9461, -6.1925
Hunter-Lab	83.3274, -11.6206, 10.9411

Details

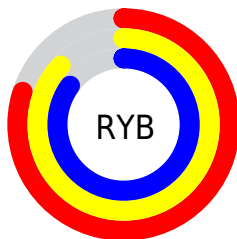
The XYZ color **62.6484, 69.4346, 66.6002** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7286, 62.5331, 77.1741**, and the grayscale version is **64.6742, 68.0423, 74.0981**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3875, 36.3124, 33.7358** is the 20% darker color. If you saturate the color by 10%, you get **55.9361, 66.2592, 53.5041**, and if you desaturate by 10%, it is **70.1918, 72.9990, 81.6980**.

Distribution



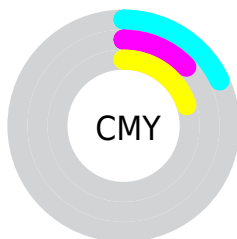
- Red (82%)
- Green (87%)
- Blue (80%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



- Cyan (18%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6484, 69.4346, 66.6002 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 62.6484, 69.4346, 66.6002 by changing the saturation by 10% instead.

■ 62.6484, 69.4346,
66.6002

■ 62.6484, 69.4346,
66.6002

423.9723,
458.5623, 466.9830

■ 45.8144, 51.0657,
48.3002

107.7468,
118.4021, 115.9826

■ 32.3034, 36.2609,
33.7030

136.7418,
149.7695, 147.9020

■ 21.7500, 24.6358,
22.3900

170.5213,
186.2386, 185.1984

■ 13.7889, 15.8059,
13.9427

209.4506,
228.1937, 228.2903

■ 8.0547, 9.3869,
7.9425

253.8949,
276.0192, 277.5961

■ 4.1821, 4.9944,
3.9710

304.2198,

■ 1.8056, 2.2440,

330.0995, 333.5345

1.6094

360.7904,
390.8191, 396.5240

■ 0.5211, 0.7438,
0.2975

■ 0.0000, 0.0000,
0.0000

■ 62.6484, 69.4346,
66.6002

■ 62.6484, 69.4346,
66.6002

■ 55.9361, 66.2592,
53.5041

■ 70.1918, 72.9990,
81.6980

■ 50.0201, 63.4508,
42.3211

■ 78.5881, 76.9561,
98.8717

■ 44.8714, 60.9983,
32.9632

■ 85.1478, 80.1956,
105.5993

■ 40.4571, 58.8870,
25.3331

■ 36.7417, 57.1008,
19.3250

■ 33.6865, 55.6223,
14.8213

■ 31.2488, 54.4324,
11.6882

■ 29.3799, 53.5095,
9.7688

■ 28.0164, 52.8258,
8.8374

Harmonies

Analogous

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



64.6936, 69.4346, 63.3296



62.6484, 69.4346, 66.6002



61.5133, 69.4346, 72.3973

Triad

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



62.6484, 69.4346, 66.6002



64.8666, 69.4346, 89.5170



70.6411, 69.4346, 71.9109

Complementary

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



62.6484, 69.4346, 66.6002



62.7286, 62.5331, 77.1741

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.



70.6903, 69.4346, 78.9009



62.6484, 69.4346, 66.6002



67.3148, 69.4346, 89.3665

Square

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



62.6484, 69.4346, 66.6002



62.7724, 69.4346, 85.7805



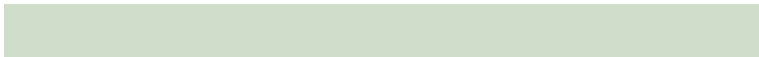
69.4598, 69.4346, 85.3815



69.3271, 69.4346, 66.2632

Rectangle

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



62.6484, 69.4346, 66.6002



61.4069, 69.4346, 77.0498



69.4598, 69.4346, 85.3815



70.8072, 69.4346, 74.1734

Sweetspot

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



62.6503, 69.4376, 66.6017



92.8974, 98.9839, 104.5699



65.1314, 68.7475, 66.3377



19.9064, 21.1973, 22.4276



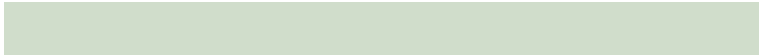
0.0000, 0.0000, 0.0000



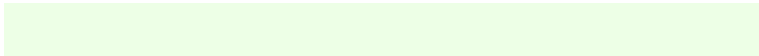
20.3446, 21.4041, 23.3091

Same Dimension

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



62.6503, 69.4376, 66.6017



84.7583, 95.1377, 88.3915



61.7374, 68.9126, 69.0165



13.2243, 14.7804, 13.8815



16.2466, 30.6729, 5.0642



1.1354, 2.0298, 0.3320

Inverse Universe

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



62.7286, 62.5331, 77.1741



84.8903, 83.4773, 106.2463



63.7146, 63.1008, 74.5384



13.2435, 13.0837, 16.4795



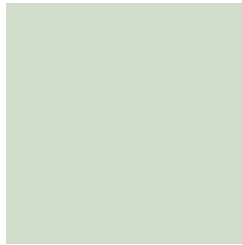
16.0748, 7.4111, 40.3216



1.1233, 0.5223, 2.6161

Previews

White Background



This preview shows how the XYZ color 62.6484, 69.4346, 66.6002 looks on a white background.

Color Contrast Check

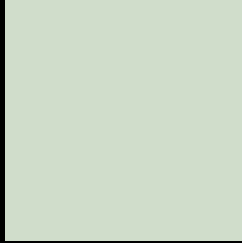
Large Text (above 18pt) WCAG AA × Fail

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 62.6484, 69.4346, 66.6002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

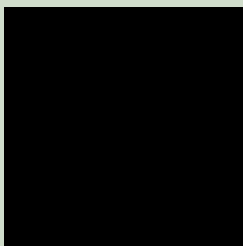
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

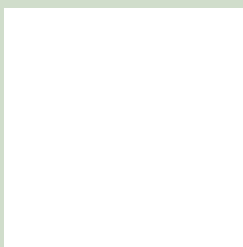
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.6484, 69.4346, 66.6002

Background



This preview shows how black text looks on a background with the XYZ color 62.6484, 69.4346, 66.6002.



This preview shows how white text looks on a background with the XYZ color 62.6484, 69.4346,

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

62.6484, 69.4346, 66.6002

Protanopia

66.0325, 69.2894, 64.5375

Deuteranopia

70.4379, 68.8860, 67.3415



Tritanopia

66.8477, 69.1984, 87.6753

Trichromacy



Original Color

62.6484, 69.4346, 66.6002

Protanomaly

64.8274, 69.4199, 65.2410

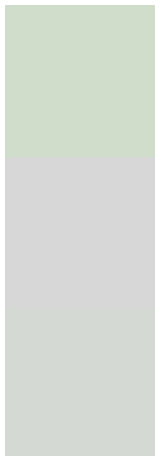
Deuteranomaly

67.3265, 68.7711, 66.8524

Tritanomaly

65.2547, 69.3194, 79.7527

Monochromacy



Original Color

62.6484, 69.4346, 66.6002

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.7221, 68.3259, 71.4577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6484, 69.4346, 66.6002 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(208, 221, 203) looks like.

```
.text, #text, p{  
    color:rgb(208, 221, 203)  
}
```

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(208, 221, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 221, 203) }
```

Border

The CSS property to change the border of an element to XYZ 62.6484, 69.4346, 66.6002 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(208, 221, 203) }
```


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

```
.border{ border-color:rgb(208, 221, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 221, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 221, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 221, 203);  
box-shadow:4px 4px 4px 4px rgb(208, 221,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6484, 69.4346, 66.6002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 221, 203) }
```

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

```
.background{ background-color: rgb(208,  
221, 203) }
```

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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