

Converting Colors

XYZ(66.0446, 68.3492, 75.2469)

Have a look what the booklet for
XYZ(66.0446, 68.3492, 75.2469)
contains.

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Color

**XYZ(66.0862, 68.3185,
75.3493)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD6D9
RGB	220, 214, 217
RGB Percent	86%, 84%, 85%
CMY	0.1372, 0.1608, 0.1490
CMYK	0.00, 0.03, 0.01, 0.14
HSL	330°, 8%, 85%
HSV	330°, 3%, 86%
XYZ	66.0862, 68.3185, 75.3493
YIQ	216.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

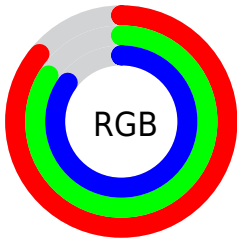
Format	Color
R _Y B	220, 214, 217
Decimal	14472921
CIE Lab	86.17, 2.59, -0.76
CIE LCh	86, 2.696, 343.712
Yxy	68.3185, 0.3151, 0.3257
Android (android.graphics.Color)	4292663001 (0xFFDCD6D9)
YUV	216.1360, 0.4260, 3.3887
Hunter-Lab	82.6550, -1.9279, 3.8090

Details

The XYZ color **66.0862, 68.3185, 75.3493** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8518, 70.4942, 75.7852**, and the grayscale version is **65.3605, 68.7643, 74.8844**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.4368, 35.4042, 39.2011** is the 20% darker color. If you saturate the color by 10%, you get **59.5063, 57.3733, 66.3268**, and if you desaturate by 10%, it is **73.5175, 80.8118, 85.1285**.

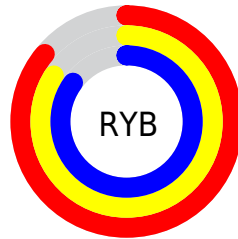
Distribution



Red (86%)

Green (84%)

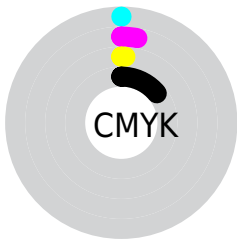
Blue (85%)



Red (86%)

Yellow (84%)

Blue (85%)

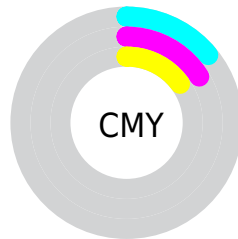


Cyan (0%)

Magenta (3%)

Yellow (1%)

Black (14%)



Cyan (14%)

Magenta (16%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.0862, 68.3185, 75.3493 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 66.0862, 68.3185, 75.3493 by changing the saturation by 10% instead.

■ 66.0862, 68.3185,
75.3493

■ 66.0862, 68.3185,
75.3493

436.1689,
454.6237, 498.4047

■ 48.6103, 50.1569,
55.3956

112.6671,
116.8077, 128.5583

■ 34.5237, 35.5381,
39.3178

142.5028,
147.9040, 162.6508

■ 23.4610, 24.0777,
26.6973

177.1892,
184.0807, 202.2933

■ 15.0569, 15.3912,
17.1156

217.0917,
225.7222, 247.9043

■ 8.9459, 9.0944,
10.1541

262.5755,
273.2128, 299.9024

■ 4.7627, 4.8028,
5.3943

314.0061,

■ 2.1420, 2.1320,

326.9370, 358.7061

2.4177

371.7488,
387.2792, 424.7341

■ 0.7119, 0.6826,
0.7960

■ 0.0000, 0.0000,
0.0000

■ 66.0862, 68.3185,
75.3493

■ 66.0862, 68.3185,
75.3493

■ 59.5063, 57.3733,
66.3268

■ 73.5175, 80.8118,
85.1285

■ 53.7402, 47.9067,
58.0367

■ 80.8580, 92.9688,
95.3566

■ 48.7560, 39.8570,
50.4600

■ 82.5346, 93.6395,
104.1854

■ 44.5173, 33.1548,
43.5747

■ 83.3257, 93.9559,
108.3513

■ 40.9850, 27.7248,
37.3578

■ 38.1159, 23.4841,
31.7846

■ 35.8618, 20.3401,
26.8282

■ 34.1677, 18.1859,
22.4590

■ 32.9674, 16.8931,
18.6432

Harmonies

Analogous

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



65.7623, 68.3185, 76.8835



66.0862, 68.3185, 75.3493



66.1002, 68.3185, 73.5805

Triad

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



66.0862, 68.3185, 75.3493



64.6524, 68.3185, 71.1180



64.0764, 68.3185, 76.7726

Complementary

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



66.0862, 68.3185, 75.3493



65.8518, 70.4942, 75.7852

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.



63.7829, 68.3185, 75.1998



66.0862, 68.3185, 75.3493



64.1140, 68.3185, 71.9456

Square

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



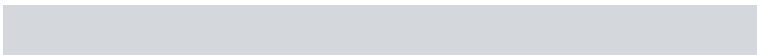
66.0862, 68.3185, 75.3493



65.2697, 68.3185, 71.1566



63.7966, 68.3185, 73.4334



64.6008, 68.3185, 77.7142

Rectangle

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



66.0862, 68.3185, 75.3493



65.9318, 68.3185, 72.5075



63.7966, 68.3185, 73.4334



63.9476, 68.3185, 76.2991

Sweetspot

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



66.0881, 68.3214, 75.3508



94.0371, 98.3019, 107.5524



65.5826, 68.0153, 77.3830



20.1385, 21.0585, 23.0349



0.0000, 0.0000, 0.0000



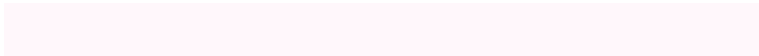
20.3446, 21.4041, 23.3091

Same Dimension

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



66.0881, 68.3214, 75.3508



92.0477, 94.9717, 104.8894



65.7018, 68.1669, 73.3164



14.1433, 14.5208, 16.0933



19.0280, 9.6122, 9.7934



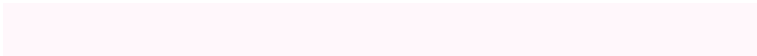
1.2762, 0.6401, 0.8635

Inverse Universe

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



66.0881, 68.3214, 75.3508



92.0477, 94.9717, 104.8894



66.2452, 70.6516, 77.8569



14.1433, 14.5208, 16.0933



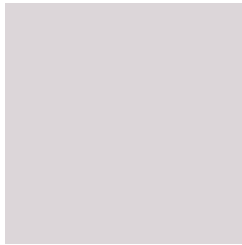
19.0280, 9.6122, 9.7934



1.2762, 0.6401, 0.8635

Previews

White Background



This preview shows how the XYZ color 66.0862, 68.3185, 75.3493 looks on a white background.

Color Contrast Check

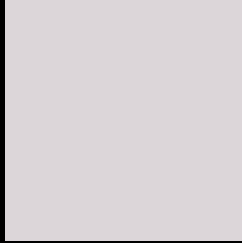
Large Text (above 18pt) WCAG AA × Fail

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 66.0862, 68.3185, 75.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

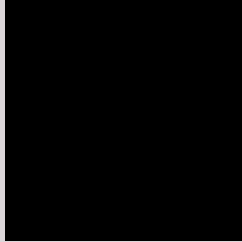
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

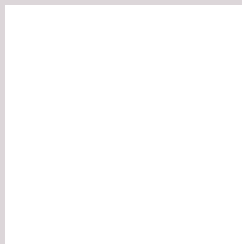
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.0862, 68.3185, 75.3493

Background



This preview shows how black text looks on a background with the XYZ color 66.0862, 68.3185, 75.3493.



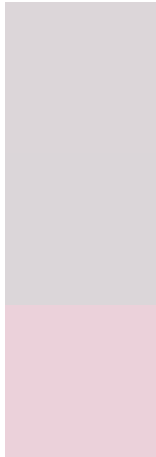
This preview shows how white text looks on a background with the XYZ color 66.0862, 68.3185,

75.3493.

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

66.0862, 68.3185, 75.3493

Protanopia

65.7844, 68.1630, 75.3352

Deuteranopia

69.7163, 68.3251, 75.8433



Tritanopia

67.8105, 68.2737, 83.7329

Trichromacy



Original Color

66.0862, 68.3185, 75.3493

Protanomaly

65.7844, 68.1630, 75.3352

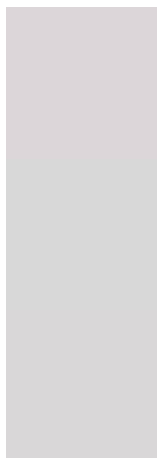
Deuteranomaly

68.5823, 68.4735, 75.9317

Tritanomaly

67.2037, 68.3969, 80.8941

Monochromacy



Original Color

66.0862, 68.3185, 75.3493

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.3104, 68.3105, 74.7088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.0862, 68.3185, 75.3493 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, 214, 217)` looks like.

```
.text, #text, p{  
    color:rgb(220, 214, 217)  
}
```

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, 214, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 214, 217) }
```

Border

The CSS property to change the border of an element to XYZ 66.0862, 68.3185, 75.3493 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, 214, 217) }
```


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

```
.border{ border-color:rgb(220, 214, 217) }
```

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

Here you see how a box with a 4 pixel rgb(220, 214, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 214, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 214, 217);  
box-shadow:4px 4px 4px 4px rgb(220, 214,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 66.0862, 68.3185, 75.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 214, 217) }
```

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

```
.background{ background-color: rgb(220,  
214, 217) }
```

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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