

Converting Colors

XYZ(66.1662, 66.2809, 81.9430)

Have a look what the booklet for
XYZ(66.1662, 66.2809, 81.9430)
contains.

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Color

**XYZ(66.1808, 66.3626,
81.9942)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD1E3
RGB	220, 209, 227
RGB Percent	86%, 82%, 89%
CMY	0.1372, 0.1804, 0.1098
CMYK	0.03, 0.08, 0.00, 0.11
HSL	277°, 24%, 85%
HSV	277°, 8%, 89%
XYZ	66.1808, 66.3626, 81.9942
YIQ	214.3410, 0.7780, 7.9300

Conversions

Conversions Part 2

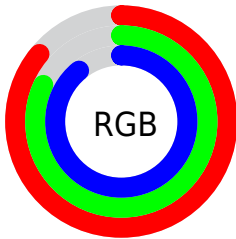
Format	Color
R _Y B	220, 209, 227
Decimal	14471651
CIE Lab	85.18, 7.04, -7.51
CIE LCh	85, 10.294, 313.167
Yxy	66.3626, 0.3085, 0.3093
Android (android.graphics.Color)	4292661731 (0xFFDCD1E3)
YUV	214.3410, 6.2409, 4.9629
Hunter-Lab	81.4632, 2.4529, -2.6522

Details

The XYZ color **66.1808, 66.3626, 81.9942** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2990, 74.1423, 71.0887**, and the grayscale version is **64.1067, 67.4452, 73.4479**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6848, 34.4206, 43.8455** is the 20% darker color. If you saturate the color by 10%, you get **58.4019, 54.6669, 80.1477**, and if you desaturate by 10%, it is **74.8982, 79.7237, 84.1147**.

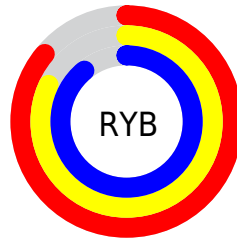
Distribution



Red (86%)

Green (82%)

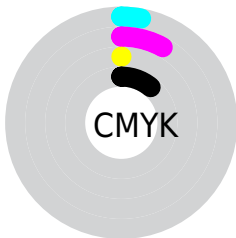
Blue (89%)



Red (86%)

Yellow (82%)

Blue (89%)

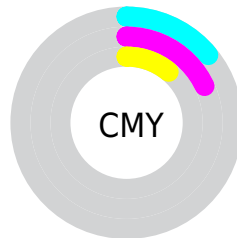


Cyan (3%)

Magenta (8%)

Yellow (0%)

Black (11%)



Cyan (14%)

Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1808, 66.3626, 81.9942 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 66.1808, 66.3626, 81.9942 by changing the saturation by 10% instead.

66.1808, 66.3626,
81.9942

66.1808, 66.3626,
81.9942

436.5017,
447.6725, 521.5112

48.6874, 48.5668,
60.8250

112.8021,
114.0066, 138.0025

34.5851, 34.2760,
43.6543

142.6607,
144.6236, 173.6786

23.5085, 23.1057,
30.0636

177.3718,
180.2831, 215.0274

15.0922, 14.6716,
19.6344

217.3007,
221.3696, 262.4675

8.9708, 8.5892,
11.9481

262.8128,
268.2674, 316.4174

4.7791, 4.4742,
6.5863

314.2734,

2.1517, 1.9422,

321.3609, 377.2956

3.1302

372.0479,
381.0345, 445.5207

■ 0.7171, 0.5736,
1.1615

■ 0.0000, 0.0000,
0.0000

■ 66.1808, 66.3626,
81.9942

■ 66.1808, 66.3626,
81.9942

■ 58.4019, 54.6669,
80.1477

■ 74.8982, 79.7237,
84.1147

■ 51.5203, 44.5603,
78.5596

■ 84.5818, 94.8057,
86.5154

■ 45.4997, 35.9729,
77.2194

■ 87.8032, 96.7476,
86.7205

■ 40.2995, 28.8263,
76.1141

■ 90.8653, 98.3261,
86.8638

■ 35.8750, 23.0350,
75.2294

■ 32.1770, 18.5039,
74.5497

■ 29.1498, 15.1254,
74.0572

■ 26.7283, 12.7729,
73.7307

■ 24.8226, 11.2706,
73.5412

Harmonies

Analogous

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



64.0985, 66.3626, 85.4418



66.1808, 66.3626, 81.9942



67.4479, 66.3626, 76.0253

Triad

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



66.1808, 66.3626, 81.9942



64.3779, 66.3626, 60.6929



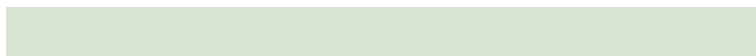
58.8260, 66.3626, 75.2107

Complementary

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



66.1808, 66.3626, 81.9942



67.2990, 74.1423, 71.0887

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.



58.8966, 66.3626, 68.6165



66.1808, 66.3626, 81.9942



62.0637, 66.3626, 60.5046

Square

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



66.1808, 66.3626, 81.9942



66.3896, 66.3626, 63.8553



60.0692, 66.3626, 63.3240



59.8739, 66.3626, 81.3664

Rectangle

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



66.1808, 66.3626, 81.9942



67.6411, 66.3626, 71.5532



60.0692, 66.3626, 63.3240



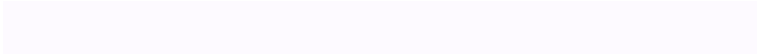
58.7205, 66.3626, 72.9666

Sweetspot

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



66.1827, 66.3654, 81.9956



92.7185, 96.4148, 108.3309



64.7693, 68.3183, 82.4471



19.8700, 20.6743, 23.1932



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.



66.1827, 66.3654, 81.9956



83.8926, 82.9629, 106.1996



68.0988, 67.3818, 80.7953



14.4239, 14.3208, 18.1483



14.4018, 6.4903, 42.8769



1.1676, 0.5329, 3.1733

Inverse Universe

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



66.8760, 66.8926, 74.3558



85.0397, 83.8325, 93.6849



65.4988, 73.1883, 72.1743



14.6079, 14.4603, 16.1356



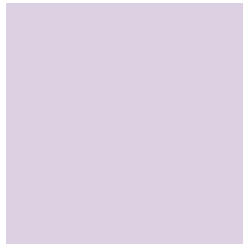
19.5625, 9.9592, 6.5913



1.4901, 0.7537, 0.7212

Previews

White Background



This preview shows how the XYZ color 66.1808, 66.3626, 81.9942 looks on a white background.

Color Contrast Check

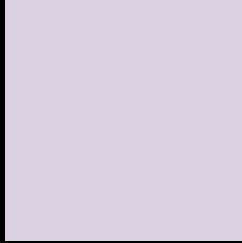
Large Text (above 18pt) WCAG AA × Fail

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 66.1808, 66.3626, 81.9942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

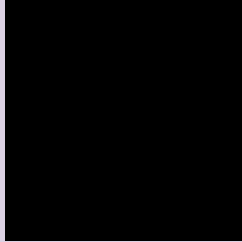
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

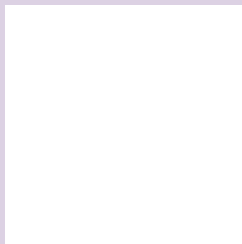
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1808, 66.3626, 81.9942

Background



This preview shows how black text looks on a background with the XYZ color 66.1808, 66.3626, 81.9942.

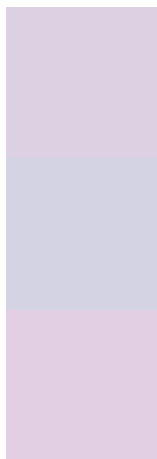


This preview shows how white text looks on a background with the XYZ color 66.1808, 66.3626,

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

66.1808, 66.3626, 81.9942

Protanopia

64.4492, 66.1870, 82.7773

Deuteranopia

67.8565, 66.5026, 81.9329



Tritanopia

66.0431, 66.3076, 81.2693

Trichromacy



Original Color

66.1808, 66.3626, 81.9942

Protanomaly

65.0745, 66.1417, 82.7356

Deuteranomaly

67.1615, 66.5051, 81.9700

Tritanomaly

66.0431, 66.3076, 81.2693

Monochromacy



Original Color

66.1808, 66.3626, 81.9942

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.6486, 66.8004, 76.5042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1808, 66.3626, 81.9942 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, 209, 227)` looks like.

```
.text, #text, p{  
    color:rgb(220, 209, 227)  
}
```

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, 209, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 209, 227) }
```

Border

The CSS property to change the border of an element to XYZ 66.1808, 66.3626, 81.9942 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, 209, 227) }
```


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

```
.border{ border-color:rgb(220, 209, 227) }
```

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

Here you see how a box with a 4 pixel rgb(220, 209, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 209, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 209, 227);  
box-shadow:4px 4px 4px 4px rgb(220, 209,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1808, 66.3626, 81.9942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 209, 227) }
```

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

```
.background{ background-color: rgb(220,  
209, 227) }
```

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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