

Converting Colors

XYZ(66.1308, 66.3703, 80.5604)

Have a look what the booklet for
XYZ(66.1308, 66.3703, 80.5604)
contains.

| | |
|--|----|
| XYZ(66.2099, 66.4093, 80.5628) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(66.2099, 66.4093,
80.5628)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DDD1E1 |
| RGB | 221, 209, 225 |
| RGB Percent | 87%, 82%, 88% |
| CMY | 0.1333, 0.1804, 0.1176 |
| CMYK | 0.02, 0.07, 0.00, 0.12 |
| HSL | 285°, 21%, 85% |
| HSV | 285°, 7%, 88% |
| XYZ | 66.2099, 66.4093, 80.5628 |
| YIQ | 214.4120, 2.0160, 7.5200 |

Conversions

Conversions Part 2

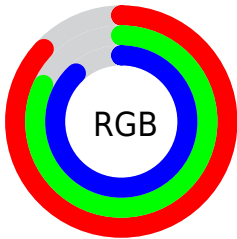
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 221, 209, 225 |
| Decimal | 14537185 |
| CIE Lab | 85.20, 7.00, -6.40 |
| CIE LCh | 85, 9.490, 317.576 |
| Yxy | 66.4093, 0.3106, 0.3115 |
| Android (android.graphics.Color) | 4292727265 (0xFFDDD1E1) |
| YUV | 214.4120, 5.2199, 5.7777 |
| Hunter-Lab | 81.4919, 2.4155, -1.5697 |

Details

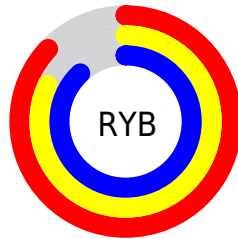
The XYZ color **66.2099, 66.4093, 80.5628** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8768, 72.6017, 70.8663**, and the grayscale version is **64.1606, 67.5020, 73.5097**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7029, 34.4520, 42.8511** is the 20% darker color. If you saturate the color by 10%, you get **59.3911, 55.2713, 78.7733**, and if you desaturate by 10%, it is **73.8695, 79.1418, 82.6177**.

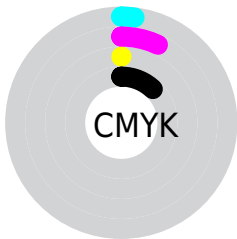
Distribution



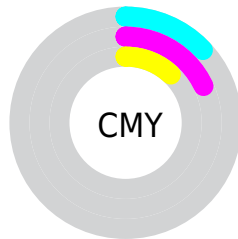
- Red (87%)
- Green (82%)
- Blue (88%)



- Red (87%)
- Yellow (82%)
- Blue (88%)



- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (12%)



- Cyan (13%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2099, 66.4093, 80.5628 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 66.2099, 66.4093, 80.5628 by changing the saturation by 10% instead.

66.2099, 66.4093,
80.5628

66.2099, 66.4093,
80.5628

436.6040,
447.8393, 516.5842

48.7111, 48.6047,
59.6527

112.8436,
114.0736, 135.9752

34.6040, 34.3060,
42.7153

142.7093,
144.7021, 171.3147

23.5231, 23.1288,
29.3321

177.4279,
180.3741, 212.3010

15.1030, 14.6886,
19.0844

217.3650,
221.4739, 259.3527

8.9785, 8.6012,
11.5539

262.8858,
268.3859, 312.8883

4.7842, 4.4820,
6.3218

314.3556,

2.1546, 1.9467,

321.4945, 373.3264

2.9698

372.1399,
381.1842, 441.0855

■ 0.7187, 0.5762,
1.0792

■ 0.0000, 0.0000,
0.0000

■ 66.2099, 66.4093,
80.5628

■ 66.2099, 66.4093,
80.5628

■ 59.3911, 55.2713,
78.7733

■ 73.8695, 79.1418,
82.6177

■ 53.3744, 45.6539,
77.2341

■ 82.3953, 93.5216,
84.9439

■ 48.1262, 37.4902,
75.9350

■ 84.5701, 95.1126,
85.1364

■ 43.6085, 30.7047,
74.8633

■ 86.4875, 96.1010,
85.2261

■ 39.7797, 25.2151,
74.0055

■ 88.4643, 97.1201,
85.3186

■ 36.5939, 20.9304,
73.3464

■ 90.5013, 98.1702,
85.4140

■ 33.9988, 17.7473,
72.8688

■ 90.5908, 98.2163,
85.4182

■ 31.9337, 15.5448,
72.5525

■ 30.3190, 14.1648,
72.3713

Harmonies

Analogous

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



64.3721, 66.4093, 84.1484



66.2099, 66.4093, 80.5628



67.2290, 66.4093, 74.8765

Triad

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



66.2099, 66.4093, 80.5628



64.0105, 66.4093, 61.3883



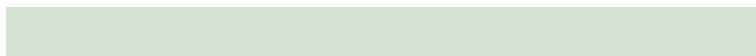
59.2739, 66.4093, 75.9297

Complementary

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



66.2099, 66.4093, 80.5628



65.8768, 72.6017, 70.8663

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.



59.1820, 66.4093, 69.7998



66.2099, 66.4093, 80.5628



61.8843, 66.4093, 61.6347

Square

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



66.2099, 66.4093, 80.5628



65.9400, 66.4093, 63.9448



60.1279, 66.4093, 64.6381



60.3817, 66.4093, 81.3712

Rectangle

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



66.2099, 66.4093, 80.5628



67.2921, 66.4093, 70.7643



60.1279, 66.4093, 64.6381



59.1241, 66.4093, 73.8749

Sweetspot

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



66.2118, 66.4122, 80.5642



92.9770, 96.5480, 108.3430



63.7491, 66.7172, 80.7529



19.9226, 20.7014, 23.1957



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.



66.2118, 66.4122, 80.5642



86.0810, 85.1492, 106.5062



66.9405, 66.8460, 77.9690



13.9429, 13.7541, 17.3076



17.3404, 8.0346, 41.6853



1.2822, 0.5983, 2.8931

Inverse Universe

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



65.8643, 66.4155, 72.3020



85.5122, 85.1620, 92.6569



65.1985, 72.1980, 73.2755



13.8471, 13.7565, 14.9651



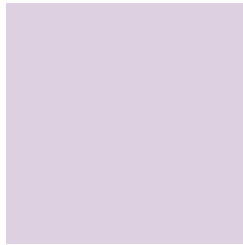
18.3477, 9.4061, 3.2308



1.3073, 0.6662, 0.4112

Previews

White Background



This preview shows how the XYZ color 66.2099, 66.4093, 80.5628 looks on a white background.

Color Contrast Check

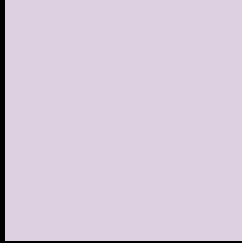
Large Text (above 18pt) WCAG AA × Fail

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 66.2099, 66.4093, 80.5628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

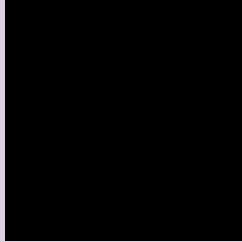
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

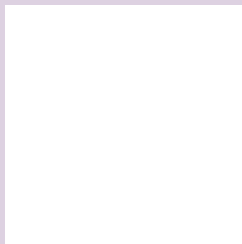
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.2099, 66.4093, 80.5628

Background



This preview shows how black text looks on a background with the XYZ color 66.2099, 66.4093, 80.5628.

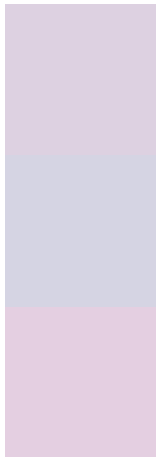


This preview shows how white text looks on a background with the XYZ color 66.2099, 66.4093,

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

66.2099, 66.4093, 80.5628

Protanopia

64.8492, 66.7792, 82.1448

Deuteranopia

67.8983, 66.5559, 80.5021



Tritanopia

66.2099, 66.4093, 80.5628

Trichromacy



Original Color

66.2099, 66.4093, 80.5628

Protanomaly

65.3406, 66.6784, 81.3779

Deuteranomaly

67.1978, 66.5555, 80.5390

Tritanomaly

66.2099, 66.4093, 80.5628

Monochromacy



Original Color

66.2099, 66.4093, 80.5628

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.8136, 66.9006, 75.8267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2099, 66.4093, 80.5628 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(221, 209, 225) looks like.

```
.text, #text, p{  
    color:rgb(221, 209, 225)  
}
```

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(221, 209, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 209, 225) }
```

Border

The CSS property to change the border of an element to XYZ 66.2099, 66.4093, 80.5628 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(221, 209, 225) }
```


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

```
.border{ border-color:rgb(221, 209, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 209, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 209, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 209, 225); box-shadow:4px 4px 4px 4px rgb(221, 209, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2099, 66.4093, 80.5628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 209, 225) }
```

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

```
.background{ background-color: rgb(221,  
209, 225) }
```

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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