

Converting Colors

XYZ(64.3292, 66.0291, 82.6578)

Have a look what the booklet for
XYZ(64.3292, 66.0291, 82.6578)
contains.

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Color

**XYZ(64.4492, 66.1870,
82.7773)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D3E4
RGB	212, 211, 228
RGB Percent	83%, 83%, 89%
CMY	0.1686, 0.1725, 0.1059
CMYK	0.07, 0.07, 0.00, 0.11
HSL	244°, 24%, 86%
HSV	244°, 7%, 89%
XYZ	64.4492, 66.1870, 82.7773
YIQ	213.2370, -4.8610, 5.4990

Conversions

Conversions Part 2

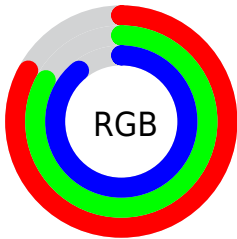
Format	Color
R _Y B	212, 211, 228
Decimal	13947876
CIE Lab	85.09, 3.53, -8.24
CIE LCh	85, 8.963, 293.180
Yxy	66.1870, 0.3020, 0.3101
Android (android.graphics.Color)	4292137956 (0xFFD4D3E4)
YUV	213.2370, 7.2782, -1.0848
Hunter-Lab	81.3554, -0.9654, -3.3775

Details

The XYZ color **64.4492, 66.1870, 82.7773** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.1823, 76.5226, 72.6499**, and the grayscale version is **63.3612, 66.6609, 72.5937**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5044, 34.2992, 44.3897** is the 20% darker color. If you saturate the color by 10%, you get **53.4008, 52.6722, 80.7520**, and if you desaturate by 10%, it is **77.1273, 81.7382, 85.1118**.

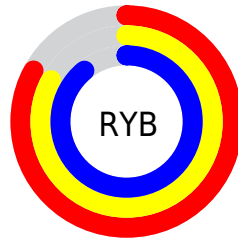
Distribution



Red (83%)

Green (83%)

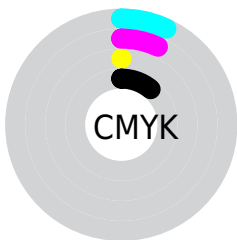
Blue (89%)



Red (83%)

Yellow (83%)

Blue (89%)

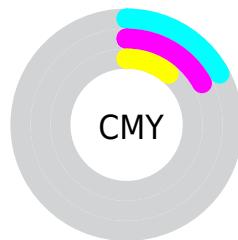


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (11%)



Cyan (17%)

Magenta (17%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.4492, 66.1870, 82.7773 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 64.4492, 66.1870, 82.7773 by changing the saturation by 10% instead.

■ 64.4492, 66.1870,
82.7773

■ 64.4492, 66.1870,
82.7773

430.3865,
447.0454, 524.1956

■ 47.2776, 48.4242,
61.4669

110.3277,
113.7547, 139.1100

■ 33.4641, 34.1630,
44.1691

139.7654,
144.3284, 174.9693

■ 22.6431, 23.0188,
30.4653

174.0225,
179.9412, 216.5154

■ 14.4494, 14.6074,
19.9370

213.4643,
220.9775, 264.1667

■ 8.5177, 8.5443,
12.1656

258.4563,
267.8216, 318.3418

■ 4.4825, 4.4452,
6.7327

309.3638,

■ 1.9786, 1.9256,

320.8581, 379.4593

3.2196

366.5521,
380.4712, 447.9377

■ 0.6219, 0.5637,
1.2078

■ 0.0000, 0.0000,
0.0000

■ 64.4492, 66.1870,
82.7773

■ 64.4492, 66.1870,
82.7773

■ 53.4008, 52.6722,
80.7520

■ 77.1273, 81.7382,
85.1118

■ 43.9104, 41.1014,
79.0188

■ 90.9772, 98.3678,
87.5917

■ 35.9097, 31.3877,
77.5656

■ 91.0038, 98.3815,
87.5929

■ 29.3230, 23.4344,
76.3776

■ 24.0678, 17.1360,
75.4389

■ 20.0532, 12.3756,
74.7316

■ 17.1769, 9.0210,
74.2357

■ 15.3202, 6.9180,
73.9276

■ 14.3321, 5.8643,
73.7763

Harmonies

Analogous

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



62.4489, 66.1870, 83.6786



64.4492, 66.1870, 82.7773



66.0678, 66.1870, 78.9367

Triad

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



64.4492, 66.1870, 82.7773



65.2640, 66.1870, 63.5278



59.1324, 66.1870, 70.7542

Complementary

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



64.4492, 66.1870, 82.7773



71.1823, 76.5226, 72.6499

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.



59.8520, 66.1870, 65.6068



64.4492, 66.1870, 82.7773



63.3709, 66.1870, 61.5814

Square

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



64.4492, 66.1870, 82.7773



66.5452, 66.1870, 67.7782



61.3931, 66.1870, 62.3217



59.4072, 66.1870, 76.5318

Rectangle

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



64.4492, 66.1870, 82.7773



66.6983, 66.1870, 75.3315



61.3931, 66.1870, 62.3217



59.2655, 66.1870, 68.8970

Sweetspot

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



64.4511, 66.1898, 82.7788



91.7003, 95.8899, 108.2832



68.3797, 74.4722, 84.1704



19.6627, 20.5674, 23.1835



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.



64.4511, 66.1898, 82.7788



80.6544, 82.3517, 106.2523



66.9214, 67.4633, 82.8944



13.6607, 13.9273, 18.1126



8.2173, 3.3020, 42.5874



0.6350, 0.2583, 3.1484

Inverse Universe

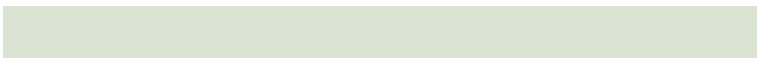
The Inverse Universe completely reimagines the original color for something new.



69.1566, 68.6315, 82.2787



87.9447, 86.1350, 105.4663



68.6115, 75.1973, 72.5296



14.9567, 14.5999, 17.9723



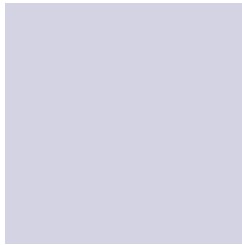
25.5459, 12.3526, 38.0993



1.8989, 0.9173, 2.8743

Previews

White Background



This preview shows how the XYZ color 64.4492, 66.1870, 82.7773 looks on a white background.

Color Contrast Check

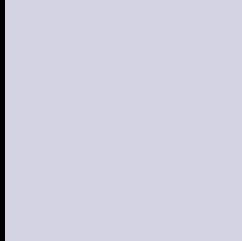
Large Text (above 18pt) WCAG AA × Fail

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 64.4492, 66.1870, 82.7773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

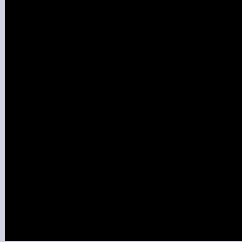
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.4492, 66.1870, 82.7773

Background



This preview shows how black text looks on a background with the XYZ color 64.4492, 66.1870, 82.7773.



This preview shows how white text looks on a background with the XYZ color 64.4492, 66.1870,

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

64.4492, 66.1870, 82.7773

Protanopia

64.4492, 66.1870, 82.7773

Deuteranopia

67.5782, 65.9685, 83.3002



Tritanopia

64.4492, 66.1870, 82.7773

Trichromacy



Original Color

64.4492, 66.1870, 82.7773

Protanomaly

64.4492, 66.1870, 82.7773

Deuteranomaly

66.5175, 66.1410, 83.3894

Tritanomaly

64.4492, 66.1870, 82.7773

Monochromacy



Original Color

64.4492, 66.1870, 82.7773

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.6389, 66.2951, 75.7718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4492, 66.1870, 82.7773 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(212, 211, 228) looks like.

```
.text, #text, p{  
    color:rgb(212, 211, 228)  
}
```

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(212, 211, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 211, 228) }
```

Border

The CSS property to change the border of an element to XYZ 64.4492, 66.1870, 82.7773 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(212, 211, 228) }
```


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

```
.border{ border-color:rgb(212, 211, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 211, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 211, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 211, 228);  
box-shadow:4px 4px 4px 4px rgb(212, 211,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4492, 66.1870, 82.7773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 211, 228) }
```

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

```
.background{ background-color: rgb(212,  
211, 228) }
```

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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