

Converting Colors

XYZ(64.2488, 66.8736, 80.7558)

Have a look what the booklet for
XYZ(64.2488, 66.8736, 80.7558)
contains.

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Color

**XYZ(64.2488, 66.8736,
80.7558)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D5E1
RGB	211, 213, 225
RGB Percent	83%, 84%, 88%
CMY	0.1725, 0.1647, 0.1176
CMYK	0.06, 0.05, 0.00, 0.12
HSL	231°, 19%, 85%
HSV	231°, 6%, 88%
XYZ	64.2488, 66.8736, 80.7558
YIQ	213.7700, -5.0440, 3.3080

Conversions

Conversions Part 2

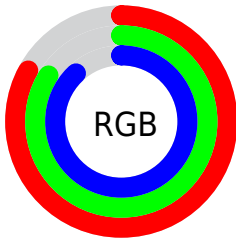
Format	Color
RYB	211, 213, 225
Decimal	13882849
CIELab	85.44, 1.57, -6.14
CIELCh	85, 6.338, 284.348
Yxy	66.8736, 0.3032, 0.3156
Android (android.graphics.Color)	4292072929 (0xFFD3D5E1)
YUV	213.7700, 5.5364, -2.4293
Hunter-Lab	81.7763, -2.8672, -1.3067

Details

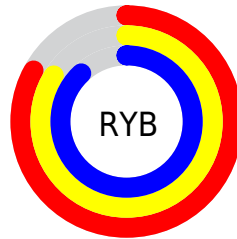
The XYZ color **64.2488, 66.8736, 80.7558** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1971, 73.4854, 72.1661**, and the grayscale version is **63.7299, 67.0488, 73.0162**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.1929, 34.4239, 42.9252** is the 20% darker color. If you saturate the color by 10%, you get **53.6841, 54.6525, 78.9547**, and if you desaturate by 10%, it is **76.2962, 80.7186, 82.7942**.

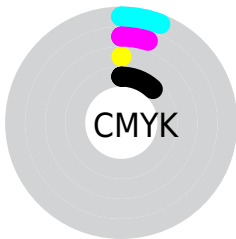
Distribution



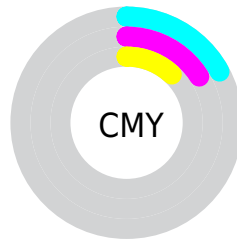
- Red (83%)
- Green (84%)
- Blue (88%)



- Red (83%)
- Yellow (84%)
- Blue (88%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)



- Cyan (17%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2488, 66.8736, 80.7558 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 64.2488, 66.8736, 80.7558 by changing the saturation by 10% instead.

■ 64.2488, 66.8736,
80.7558

■ 64.2488, 66.8736,
80.7558

429.6755,
449.4947, 517.2501

■ 47.1146, 48.9819,
59.8107

110.0409,
114.7393, 136.2488

■ 33.3346, 34.6051,
42.8418

139.4296,
145.4821, 171.6338

■ 22.5434, 23.3589,
29.4305

173.6338,
181.2773, 212.6691

■ 14.3755, 14.8587,
19.1583

213.0189,
222.5095, 259.7733

■ 8.4658, 8.7203,
11.6068

257.9503,
269.5629, 313.3650

■ 4.4487, 4.5592,
6.3573

308.7933,

■ 1.9590, 1.9910,

322.8220, 373.8627

2.9912

365.9132,
382.6711, 441.6848

■ 0.6108, 0.6022,
1.0902

■ 0.0000, 0.0000,
0.0000

■ 64.2488, 66.8736,
80.7558

■ 64.2488, 66.8736,
80.7558

■ 53.6841, 54.6525,
78.9547

■ 76.2962, 80.7186,
82.7942

■ 44.5389, 43.9874,
77.3782

■ 89.5051, 96.0449,
85.0563

■ 36.7540, 34.8179,
76.0186

■ 90.5908, 98.2163,
85.4182

■ 30.2638, 27.0767,
74.8665

■ 24.9971, 20.6910,
73.9115

■ 20.8758, 15.5818,
73.1425

■ 17.8128, 11.6615,
72.5473

■ 15.7076, 8.8310,
72.1119

■ 14.4386, 6.9739,
71.8203

Harmonies

Analogous

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



62.8185, 66.8736, 80.7058



64.2488, 66.8736, 80.7558



65.5132, 66.8736, 78.6230

Triad

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



64.2488, 66.8736, 80.7558



65.5586, 66.8736, 67.4194



60.9367, 66.8736, 70.6990

Complementary

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



64.2488, 66.8736, 80.7558



69.1971, 73.4854, 72.1661

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.



61.6487, 66.8736, 67.2984



64.2488, 66.8736, 80.7558



64.3100, 66.8736, 65.4541

Square

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



64.2488, 66.8736, 80.7558



66.2771, 66.8736, 70.8698



62.8788, 66.8736, 65.4107



60.9209, 66.8736, 74.7934

Rectangle

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



64.2488, 66.8736, 80.7558



66.0858, 66.8736, 76.2950



62.8788, 66.8736, 65.4107



61.1021, 66.8736, 69.4405

Sweetspot

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



64.2507, 66.8764, 80.7573



91.8201, 96.2888, 108.3539



67.0961, 73.0227, 80.3009



19.6871, 20.6487, 23.1979



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.



64.2507, 66.8764, 80.7573



84.0982, 87.3965, 107.0445



65.1753, 66.6096, 80.6570



13.5567, 14.0744, 17.3898



8.1830, 3.8355, 41.3574



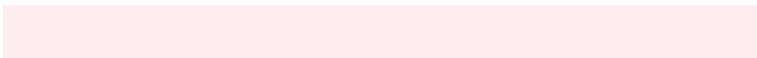
0.6181, 0.3676, 2.8836

Inverse Universe

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



66.3573, 67.4015, 72.4665



87.2519, 88.1890, 94.6314



68.2296, 73.7859, 72.2751



14.1047, 14.2128, 15.2325



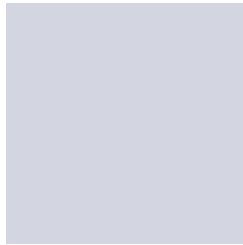
18.0706, 9.2952, 1.7715



1.2782, 0.6546, 0.2581

Previews

White Background



This preview shows how the XYZ color 64.2488, 66.8736, 80.7558 looks on a white background.

Color Contrast Check

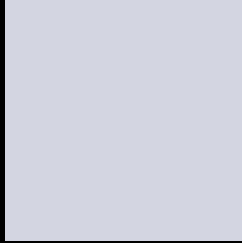
Large Text (above 18pt) WCAG AA × Fail

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 64.2488, 66.8736, 80.7558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

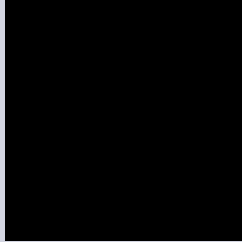
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

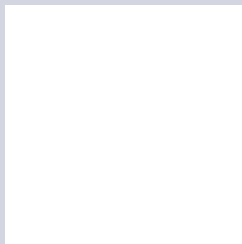
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.2488, 66.8736, 80.7558

Background



This preview shows how black text looks on a background with the XYZ color 64.2488, 66.8736, 80.7558.

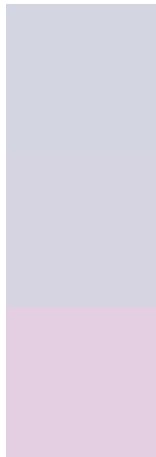


This preview shows how white text looks on a background with the XYZ color 64.2488, 66.8736,

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

64.2488, 66.8736, 80.7558

Protanopia

64.7296, 66.7649, 79.9963

Deuteranopia

68.0352, 66.6106, 81.2228



Tritanopia

64.8377, 66.7412, 83.5938

Trichromacy



Original Color

64.2488, 66.8736, 80.7558

Protanomaly

64.4386, 66.6149, 79.9827

Deuteranomaly

66.6521, 66.6215, 81.2978

Tritanomaly

64.6985, 66.6855, 82.8604

Monochromacy



Original Color

64.2488, 66.8736, 80.7558

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.1420, 67.3012, 75.9395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2488, 66.8736, 80.7558 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(211, 213, 225) looks like.

```
.text, #text, p{  
    color:rgb(211, 213, 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(211, 213, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 213, 225) }
```

Border

The CSS property to change the border of an element to XYZ 64.2488, 66.8736, 80.7558 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(211, 213, 225) }
```


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

```
.border{ border-color:rgb(211, 213, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 213, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 213, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 213, 225);  
box-shadow:4px 4px 4px 4px rgb(211, 213,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2488, 66.8736, 80.7558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 213, 225) }
```

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

```
.background{ background-color: rgb(211,  
213, 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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