

Converting Colors

XYZ(66.8354, 72.3647, 81.6717)

Have a look what the booklet for
XYZ(66.8354, 72.3647, 81.6717)
contains.

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Color

**XYZ(66.8246, 72.4492,
81.6962)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E0E1
RGB	210, 224, 225
RGB Percent	82%, 88%, 88%
CMY	0.1765, 0.1215, 0.1176
CMYK	0.07, 0.00, 0.00, 0.12
HSL	184°, 20%, 85%
HSV	184°, 7%, 88%
XYZ	66.8246, 72.4492, 81.6962
YIQ	219.9280, -8.6650, -2.6570

Conversions

Conversions Part 2

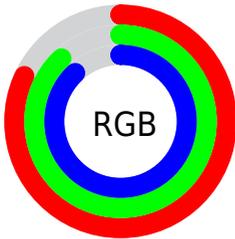
Format	Color
R_{YB}	210, 217, 225
Decimal	13820129
CIE _{Lab}	88.18, -4.47, -2.11
CIE _{LCh}	88, 4.943, 205.256
Yxy	72.4492, 0.3024, 0.3279
Android (android.graphics.Color)	4292010209 (0xFFD2E0E1)
YUV	219.9280, 2.5005, -8.7069
Hunter-Lab	85.1171, -8.8163, 2.6749

Details

The XYZ color **66.8246, 72.4492, 81.6962** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9787, 67.2486, 70.4767**, and the grayscale version is **67.9665, 71.5060, 77.8701**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9612, 38.2468, 43.5699** is the 20% darker color. If you saturate the color by 10%, you get **60.4643, 68.5786, 81.2854**, and if you desaturate by 10%, it is **74.0932, 76.7973, 82.1535**.

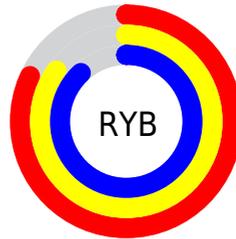
Distribution



Red (82%)

Green (88%)

Blue (88%)



Red (82%)

Yellow (85%)

Blue (88%)

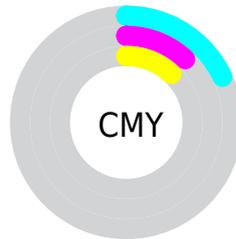


Cyan (7%)

Magenta (0%)

Yellow (0%)

Black (12%)



Cyan (18%)

Magenta (12%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8246, 72.4492, 81.6962 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 66.8246, 72.4492, 81.6962 by changing the saturation by 10% instead.

■ 66.8246, 72.4492,
81.6962

■ 66.8246, 72.4492,
81.6962

438.7625,
469.1036, 520.4877

■ 49.2123, 53.5257,
60.5808

113.7202,
122.6950, 137.5807

■ 35.0031, 38.2226,
43.4586

143.7342,
154.7860, 173.1870

■ 23.8318, 26.1555,
29.9110

178.6129,
192.0350, 214.4605

■ 15.3330, 16.9400,
19.5196

218.7214,
234.8264, 261.8200

■ 9.1412, 10.1917,
11.8657

264.4253,
283.5446, 315.6839

■ 4.8913, 5.5263,
6.5309

316.0899,

■ 2.2177, 2.5592,

338.5739, 376.4708

3.0965

374.0805,
400.2988, 444.5992

■ 0.7520, 0.9062,
1.1441

■ 0.0000, 0.0000,
0.0000

■ 66.8246, 72.4492,
81.6962

■ 66.8246, 72.4492,
81.6962

■ 60.4643, 68.5786,
81.2854

■ 74.0932, 76.7973,
82.1535

■ 54.9688, 65.1570,
80.9147

■ 82.2984, 81.6315,
82.6541

■ 50.3000, 62.1669,
80.5836

■ 82.7090, 82.4527,
82.7910

■ 46.4149, 59.5859,
80.2902

■ 83.1231, 83.2810,
82.9290

43.2664, 57.3899,
80.0322

83.5409, 84.1164,
83.0683

40.8024, 55.5519,
79.8073

83.9621, 84.9590,
83.2087

38.9638, 54.0415,
79.6127

84.3870, 85.8087,
83.3503

37.6816, 52.8231,
79.4451

84.8155, 86.6657,
83.4931

36.8680, 51.8514,
79.3004

85.2476, 87.5298,
83.6372

Harmonies

Analogous

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



66.6194, 72.4492, 78.3474



66.8246, 72.4492, 81.6962



67.5729, 72.4492, 84.3581

Triad

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



66.8246, 72.4492, 81.6962



70.7463, 72.4492, 82.6549



69.0490, 72.4492, 72.5711

Complementary

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



66.8246, 72.4492, 81.6962



65.9787, 67.2486, 70.4767

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.



70.1649, 72.4492, 73.6537



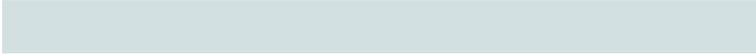
66.8246, 72.4492, 81.6962



71.1519, 72.4492, 79.4247

Square

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



66.8246, 72.4492, 81.6962



69.8356, 72.4492, 84.9226



70.9379, 72.4492, 76.1388



67.8951, 72.4492, 73.1403

Rectangle

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



66.8246, 72.4492, 81.6962



68.2837, 72.4492, 85.3520



70.9379, 72.4492, 76.1388



69.4412, 72.4492, 72.7530

Sweetspot

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



66.8267, 72.4523, 81.6978



93.0905, 98.8296, 108.7774



65.2312, 72.2438, 71.9714



19.9457, 21.1659, 23.2841



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.



66.8267, 72.4523, 81.6978



87.5082, 95.4726, 108.4236



64.9185, 68.6360, 81.0618



14.0345, 15.4082, 17.6221



21.1539, 29.7773, 45.6810



1.4901, 2.1116, 3.1743

Inverse Universe

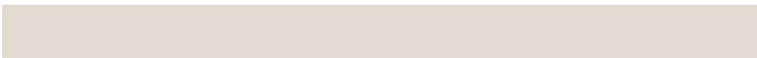
The Inverse Universe completely reimagines the original color for something new.



67.5541, 67.4839, 79.9898



88.6665, 87.5809, 105.6996



67.8216, 70.9344, 71.0910



14.2537, 13.9191, 17.1059



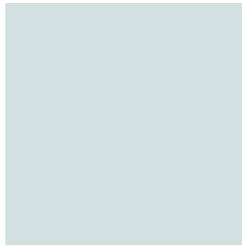
24.6177, 11.9141, 36.2481



1.7184, 0.8306, 2.5758

Previews

White Background



This preview shows how the XYZ color 66.8246, 72.4492, 81.6962 looks on a white background.

Color Contrast Check

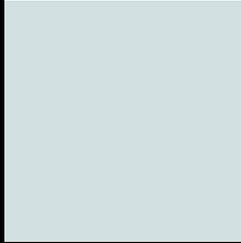
Large Text (above 18pt) WCAG AA × Fail

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 66.8246, 72.4492, 81.6962 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

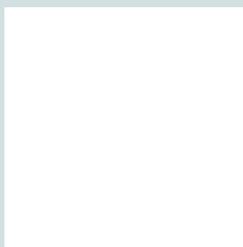
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.8246, 72.4492, 81.6962

Background



This preview shows how black text looks on a background with the XYZ color 66.8246, 72.4492, 81.6962.



This preview shows how white text looks on a background with the XYZ color 66.8246, 72.4492,

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

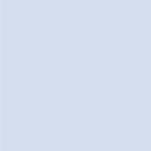
66.8246, 72.4492, 81.6962

Protanopia

69.6530, 72.3614, 80.1081

Deuteranopia

73.8469, 72.1645, 82.7100



Tritanopia

68.8526, 72.4716, 92.0208

Trichromacy



Original Color

66.8246, 72.4492, 81.6962

Protanomaly

68.5244, 72.1548, 80.8367

Deuteranomaly

71.1120, 72.2918, 82.1572

Tritanomaly

68.1029, 72.5647, 88.2589

Monochromacy



Original Color

66.8246, 72.4492, 81.6962

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.3602, 71.5858, 79.3744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8246, 72.4492, 81.6962 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(210, 224, 225) looks like.

```
.text, #text, p{  
    color:rgb(210, 224, 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(210, 224, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 224, 225) }
```

Border

The CSS property to change the border of an element to XYZ 66.8246, 72.4492, 81.6962 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(210, 224, 225) }
```

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

```
.border{ border-color:rgb(210, 224, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 224, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 224, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 224, 225);  
box-shadow:4px 4px 4px 4px rgb(210, 224,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8246, 72.4492, 81.6962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 224, 225) }
```

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

```
.background{ background-color: rgb(210,  
224, 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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