

Converting Colors

XYZ(62.3440, 66.0756, 86.9363)

Have a look what the booklet for
XYZ(62.3440, 66.0756, 86.9363)
contains.

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Color

**XYZ(62.4510, 66.1758,
87.3236)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D6EA
RGB	199, 214, 234
RGB Percent	78%, 84%, 92%
CMY	0.2196, 0.1608, 0.0823
CMYK	0.15, 0.09, 0.00, 0.08
HSL	214°, 45%, 85%
HSV	214°, 15%, 92%
XYZ	62.4510, 66.1758, 87.3236
YIQ	211.7950, -15.3600, 3.0400

Conversions

Conversions Part 2

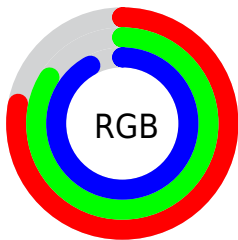
Format	Color
R _Y B	199, 210, 234
Decimal	13096682
CIE Lab	85.09, -1.03, -11.53
CIE LCh	85, 11.578, 264.872
Yxy	66.1758, 0.2892, 0.3064
Android (android.graphics.Color)	4291286762 (0xFFC7D6EA)
YUV	211.7950, 10.9471, -11.2212
Hunter-Lab	81.3485, -5.3260, -6.7009

Details

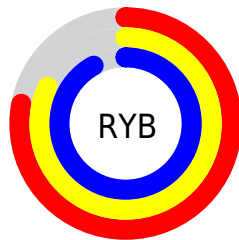
The XYZ color **62.4510, 66.1758, 87.3236** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.5723, 72.2785, 64.3183**, and the grayscale version is **62.3817, 65.6304, 71.4716**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.1111, 34.0304, 46.9956** is the 20% darker color. If you saturate the color by 10%, you get **53.4678, 56.7278, 85.9745**, and if you desaturate by 10%, it is **72.6706, 76.6769, 88.8129**.

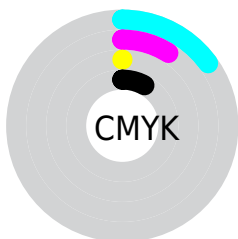
Distribution



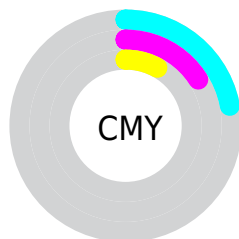
- Red (78%)
- Green (84%)
- Blue (92%)



- Red (78%)
- Yellow (82%)
- Blue (92%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (22%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4510, 66.1758, 87.3236 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 62.4510, 66.1758, 87.3236 by changing the saturation by 10% instead.

■ 62.4510, 66.1758,
87.3236

■ 62.4510, 66.1758,
87.3236

423.2657,
447.0053, 539.6294

■ 45.6542, 48.4151,
65.2019

107.4634,
113.7386, 145.5179

■ 32.1765, 34.1558,
47.1724

136.4096,
144.3095, 182.4276

■ 21.6525, 23.0133,
32.8167

170.1364,
179.9194, 225.1038

■ 13.7170, 14.6033,
21.7161

209.0091,
220.9524, 273.9648

■ 8.0045, 8.5415,
13.4521

253.3930,
267.7932, 329.4294

■ 4.1496, 4.4433,
7.6062

303.6535,

■ 1.7871, 1.9245,

320.8260, 391.9160

3.7599

360.1559,
380.4352, 461.8431

■ 0.5099, 0.5631,
1.4946

■ 0.0000, 0.0000,
0.2139

■ 62.4510, 66.1758,
87.3236

■ 62.4510, 66.1758,
87.3236

■ 53.4678, 56.7278,
85.9745

■ 72.6706, 76.6769,
88.8129

■ 45.6650, 48.2891,
84.7569

■ 84.1677, 88.2566,
90.4421

■ 38.9907, 40.8243,
83.6678

■ 91.5692, 98.1560,
91.9628

■ 33.3868, 34.2930,
82.7025

■ 91.8515, 98.7206,
92.0569

■ 28.7895, 28.6510,
81.8558

■ 25.1274, 23.8500,
81.1221

■ 22.3184, 19.8353,
80.4953

■ 20.2632, 16.5430,
79.9681

■ 19.4382, 15.1140,
79.7358

Harmonies

Analogous

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



60.0569, 66.1758, 84.4482



62.4510, 66.1758, 87.3236



65.0306, 66.1758, 85.8830

Triad

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



62.4510, 66.1758, 87.3236



67.5576, 66.1758, 66.1818



58.8858, 66.1758, 64.1033

Complementary

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



62.4510, 66.1758, 87.3236



69.5723, 72.2785, 64.3183

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.



60.8128, 66.1758, 59.7957



62.4510, 66.1758, 87.3236



65.8275, 66.1758, 60.9364

Square

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



62.4510, 66.1758, 87.3236



68.0254, 66.1758, 73.3454



63.3474, 66.1758, 58.6774



58.0352, 66.1758, 70.7783

Rectangle

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



62.4510, 66.1758, 87.3236



66.5023, 66.1758, 82.7174



63.3474, 66.1758, 58.6774



59.4265, 66.1758, 62.3492

Sweetspot

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



62.4530, 66.1785, 87.3251



89.5654, 94.4545, 108.1187



65.7414, 76.0946, 78.1268



18.9560, 19.9990, 23.1111



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.



62.4530, 66.1785, 87.3251



72.3300, 76.7044, 105.6010



59.4530, 59.2523, 86.1463



14.7621, 15.6107, 19.1574



11.0423, 8.7316, 44.8463



0.9608, 0.8731, 3.5528

Inverse Universe

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



66.4942, 63.1957, 72.3149



78.1765, 72.5546, 83.8486



72.9033, 80.0704, 65.6467



15.3335, 15.1612, 17.0414



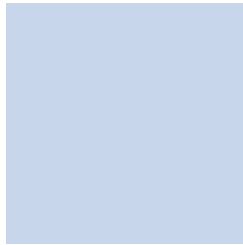
20.4289, 10.3743, 8.0601



1.6515, 0.8336, 0.8821

Previews

White Background



This preview shows how the XYZ color 62.4510, 66.1758, 87.3236 looks on a white background.

Color Contrast Check

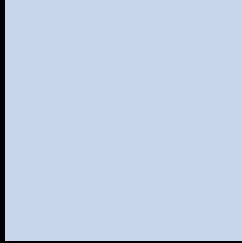
Large Text (above 18pt) WCAG AA × Fail

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 62.4510, 66.1758, 87.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

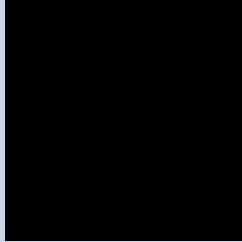
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

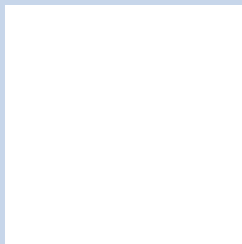
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4510, 66.1758, 87.3236

Background



This preview shows how black text looks on a background with the XYZ color 62.4510, 66.1758, 87.3236.



This preview shows how white text looks on a background with the XYZ color 62.4510, 66.1758,

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

62.4510, 66.1758, 87.3236

Protanopia

64.4381, 66.1164, 85.7094

Deuteranopia

67.5773, 66.2114, 88.5752



Tritanopia

62.0236, 66.0048, 85.0725

Trichromacy



Original Color

62.4510, 66.1758, 87.3236

Protanomaly

63.7051, 66.0920, 86.4902

Deuteranomaly

65.7735, 66.3875, 87.9447

Tritanomaly

62.1652, 66.0614, 85.8186

Monochromacy



Original Color

62.4510, 66.1758, 87.3236

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.4446, 66.0212, 77.1623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4510, 66.1758, 87.3236 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(199, 214, 234)` looks like.

```
.text, #text, p{  
    color:rgb(199, 214, 234)  
}
```

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(199, 214, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 214, 234) }
```

Border

The CSS property to change the border of an element to XYZ 62.4510, 66.1758, 87.3236 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(199, 214, 234) }
```


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

```
.border{ border-color:rgb(199, 214, 234) }
```

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

Here you see how a box with a 4 pixel rgb(199, 214, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 214, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 214, 234);  
box-shadow:4px 4px 4px 4px rgb(199, 214,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4510, 66.1758, 87.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 214, 234) }
```

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

```
.background{ background-color: rgb(199,  
214, 234) }
```

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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