

Converting Colors

XYZ(60.1559, 66.6351, 73.5514)

Have a look what the booklet for
XYZ(60.1559, 66.6351, 73.5514)
contains.

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Color

**XYZ(60.2350, 66.8682,
73.3505)**

Conversions

Conversions Part 1

Format	Color
Hex	C5DAD6
RGB	197, 218, 214
RGB Percent	77%, 85%, 84%
CMY	0.2274, 0.1451, 0.1608
CMYK	0.10, 0.00, 0.02, 0.15
HSL	169°, 22%, 81%
HSV	169°, 10%, 85%
XYZ	60.2350, 66.8682, 73.3505
YIQ	211.2650, -11.2320, -5.6960

Conversions

Conversions Part 2

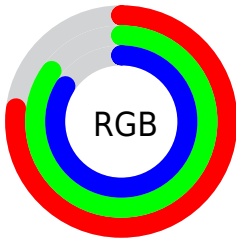
Format	Color
RYB	197, 209, 218
Decimal	12966614
CIELab	85.44, -7.75, -0.43
CIELCh	85, 7.765, 183.198
Yxy	66.8682, 0.3005, 0.3336
Android (android.graphics.Color)	4291156694 (0xFFC5DAD6)
YUV	211.2650, 1.3484, -12.5104
Hunter-Lab	81.7730, -11.6174, 4.0579

Details

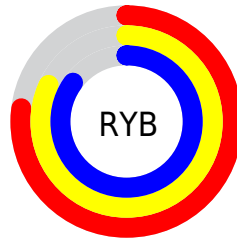
The XYZ color **60.2350, 66.8682, 73.3505** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4248, 59.0568, 63.5285**, and the grayscale version is **62.0903, 65.3238, 71.1377**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **30.6829, 34.5372, 37.8501** is the 20% darker color. If you saturate the color by 10%, you get **54.4108, 63.9281, 70.3441**, and if you desaturate by 10%, it is **66.9021, 70.2449, 76.4699**.

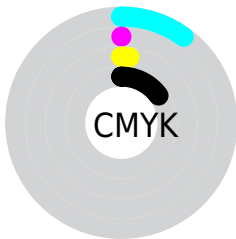
Distribution



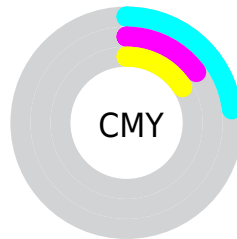
- Red (77%)
- Green (85%)
- Blue (84%)



- Red (77%)
- Yellow (82%)
- Blue (85%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (23%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2350, 66.8682, 73.3505 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 60.2350, 66.8682, 73.3505 by changing the saturation by 10% instead.

■ 60.2350, 66.8682,
73.3505

■ 60.2350, 66.8682,
73.3505

415.2843,
449.4755, 491.3320

■ 43.8583, 48.9775,
53.7690

104.2749,
114.7315, 125.7002

■ 30.7565, 34.6017,
38.0251

132.6688,
145.4730, 159.3055

■ 20.5644, 23.3562,
25.7002

165.7991,
181.2668, 198.4225

■ 12.9166, 14.8567,
16.3757

204.0311,
222.4974, 243.4698

■ 7.4478, 8.7189,
9.6332

247.7303,
269.5492, 294.8658

■ 3.7925, 4.5583,
5.0540

297.2620,

■ 1.5854, 1.9905,

322.8065, 353.0292

2.2197

352.9916,
382.6538, 418.3784

■ 0.3829, 0.6019,
0.6857

■ 0.0000, 0.0000,
0.0000

■ 60.2350, 66.8682,
73.3505

■ 60.2350, 66.8682,
73.3505

■ 54.4108, 63.9281,
70.3441

■ 66.9021, 70.2449,
76.4699

■ 49.3884, 61.3979,
67.4439

■ 74.4395, 74.0670,
79.6997

■ 45.1318, 59.2610,
64.6492

■ 80.1044, 76.9220,
82.9137

■ 41.5999, 57.4962,
61.9576

■ 80.6832, 77.1536,
85.9618

■ 38.7479, 56.0803,
59.3663

■ 81.2760, 77.3907,
89.0833

■ 36.5258, 54.9877,
56.8726

■ 81.8828, 77.6334,
92.2786

■ 34.8765, 54.1889,
54.4731

■ 82.5037, 77.8817,
95.5483

■ 33.7327, 53.6491,
52.1642

■ 83.1388, 78.1358,
98.8928

■ 32.9791, 53.3090,
49.9400

■ 83.7882, 78.3956,
102.3126

Harmonies

Analogous

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



60.5815, 66.8682, 68.5224



60.2350, 66.8682, 73.3505



60.7647, 66.8682, 78.2480

Triad

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



60.2350, 66.8682, 73.3505



65.4283, 66.8682, 81.2280



65.0953, 66.8682, 64.4909

Complementary

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



60.2350, 66.8682, 73.3505



59.4248, 59.0568, 63.5285

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.



66.4319, 66.8682, 67.6264



60.2350, 66.8682, 73.3505



66.6267, 66.8682, 77.2688

Square

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



60.2350, 66.8682, 73.3505



63.7453, 66.8682, 82.9260



66.9973, 66.8682, 72.2684



63.3675, 66.8682, 63.5486

Rectangle

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



60.2350, 66.8682, 73.3505



61.5493, 66.8682, 80.8523



66.9973, 66.8682, 72.2684



65.6063, 66.8682, 65.3159

Sweetspot

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



60.2369, 66.8710, 73.3520



92.0574, 98.4843, 107.5392



59.2928, 66.6222, 62.5587



19.5370, 20.9951, 22.9405



0.0000, 0.0000, 0.0000



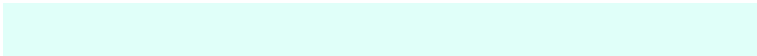
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.2369, 66.8710, 73.3520



83.7496, 94.2813, 103.5436



59.1515, 63.8719, 75.5439



13.3329, 14.7848, 16.2159



19.7798, 31.9446, 30.0696



1.3094, 2.0807, 2.0953

Inverse Universe

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



59.4248, 59.0568, 63.5285



82.3189, 80.5128, 86.2360



60.4207, 61.7925, 61.5670



13.1569, 13.0919, 14.0877



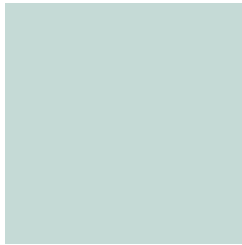
17.5974, 9.0400, 2.2600



1.1701, 0.5977, 0.3049

Previews

White Background



This preview shows how the XYZ color 60.2350, 66.8682, 73.3505 looks on a white background.

Color Contrast Check

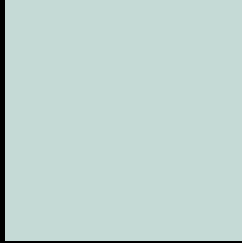
Large Text (above 18pt) WCAG AA × Fail

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 60.2350, 66.8682, 73.3505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

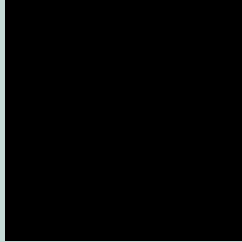
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

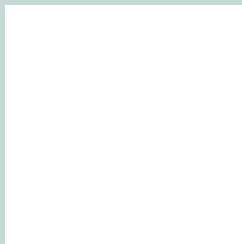
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.2350, 66.8682, 73.3505

Background



This preview shows how black text looks on a background with the XYZ color 60.2350, 66.8682, 73.3505.



This preview shows how white text looks on a background with the XYZ color 60.2350, 66.8682,

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

60.2350, 66.8682, 73.3505

Protanopia

63.9166, 66.5418, 71.1031

Deuteranopia

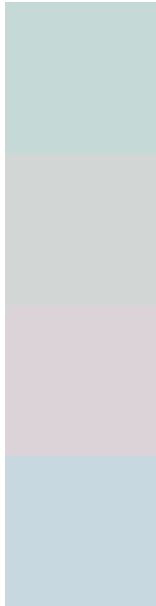
67.9862, 66.7393, 74.2645



Tritanopia

62.6853, 66.7064, 85.9157

Trichromacy



Original Color

60.2350, 66.8682, 73.3505

Protanomaly

62.5086, 66.5482, 71.8379

Deuteranomaly

64.7734, 66.5549, 73.7224

Tritanomaly

61.6997, 66.6901, 80.8547

Monochromacy



Original Color

60.2350, 66.8682, 73.3505

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.3838, 65.9684, 71.7853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2350, 66.8682, 73.3505 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(197, 218, 214)` looks like.

```
.text, #text, p{  
    color:rgb(197, 218, 214)  
}
```

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(197, 218, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 218, 214) }
```

Border

The CSS property to change the border of an element to XYZ 60.2350, 66.8682, 73.3505 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(197, 218, 214) }
```


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

```
.border{ border-color:rgb(197, 218, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 218, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 218, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 218, 214);  
box-shadow:4px 4px 4px 4px rgb(197, 218,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2350, 66.8682, 73.3505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 218, 214) }
```

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

```
.background{ background-color: rgb(197,  
218, 214) }
```

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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