

Converting Colors

XYZ(60.9577, 68.7200, 74.5817)

Have a look what the booklet for
XYZ(60.9577, 68.7200, 74.5817)
contains.

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Color

**XYZ(60.8927, 68.7510,
74.3509)**

Conversions

Conversions Part 1

Format	Color
Hex	C3DED7
RGB	195, 222, 215
RGB Percent	76%, 87%, 84%
CMY	0.2353, 0.1294, 0.1569
CMYK	0.12, 0.00, 0.03, 0.13
HSL	164°, 29%, 82%
HSV	164°, 12%, 87%
XYZ	60.8927, 68.7510, 74.3509
YIQ	213.1290, -13.8450, -7.9010

Conversions

Conversions Part 2

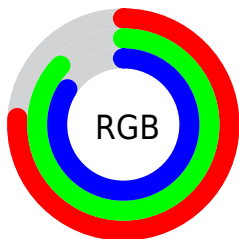
Format	Color
RYB	195, 211, 222
Decimal	12836567
CIELab	86.38, -10.26, 0.40
CIELCh	86, 10.269, 177.770
Yxy	68.7510, 0.2985, 0.3370
Android (android.graphics.Color)	4291026647 (0xFFC3DED7)
YUV	213.1290, 0.9224, -15.8991
Hunter-Lab	82.9162, -14.0151, 4.8761

Details

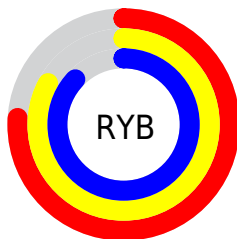
The XYZ color **60.8927, 68.7510, 74.3509** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.3025, 58.8258, 64.0564**, and the grayscale version is **63.3344, 66.6327, 72.5631**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **31.1484, 35.8382, 38.5335** is the 20% darker color. If you saturate the color by 10%, you get **54.8511, 65.7223, 70.2748**, and if you desaturate by 10%, it is **67.8171, 72.2355, 78.6071**.

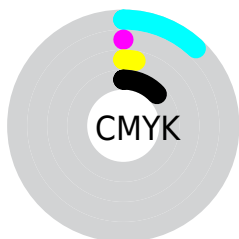
Distribution



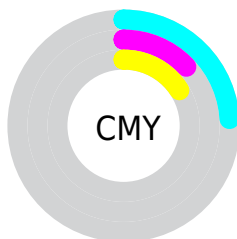
- Red (76%)
- Green (87%)
- Blue (84%)



- Red (76%)
- Yellow (83%)
- Blue (87%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



- Cyan (24%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8927, 68.7510, 74.3509 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 60.8927, 68.7510, 74.3509 by changing the saturation by 10% instead.

60.8927, 68.7510,
74.3509

60.8927, 68.7510,
74.3509

417.6627,
456.1523, 494.8793

44.3908, 50.5090,
54.5828

105.2226,
117.4259, 127.1317

31.1771, 35.8180,
38.6714

133.7812,
148.6275, 160.9815

20.8862, 24.2936,
26.1983

167.0895,
184.9177, 200.3623

13.1528, 15.5516,
16.7450

205.5127,
226.6810, 245.6925

7.6116, 9.2074,
9.8928

249.4163,
274.3017, 297.3908

3.8971, 4.8767,
5.2233

299.1656,

1.6441, 2.1751,

328.1642, 355.8757

2.3178

355.1259,
388.6529, 421.5657

■ 0.4209, 0.7064,
0.7412

■ 0.0000, 0.0000,
0.0000

■ 60.8927, 68.7510,
74.3509

■ 60.8927, 68.7510,
74.3509

■ 54.8511, 65.7223,
70.2748

■ 67.8171, 72.2355,
78.6071

■ 49.6486, 63.1214,
66.3711

■ 75.6538, 76.1855,
83.0419

■ 45.2467, 60.9302,
62.6380

■ 81.9671, 79.3470,
87.5441

■ 41.6014, 59.1261,
59.0721

■ 82.8000, 79.6801,
91.9297

■ 38.6643, 57.6842,
55.6696

■ 83.6599, 80.0241,
96.4578

■ 36.3813, 56.5767,
52.4266

■ 84.5471, 80.3790,
101.1298

■ 34.6903, 55.7716,
49.3386

■ 85.4126, 80.7252,
105.6875

■ 33.5167, 55.2304,
46.4006

■ 32.8622, 54.9410,
44.1976

Harmonies

Analogous

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



61.5624, 68.7510, 68.1046



60.8927, 68.7510, 74.3509



61.3920, 68.7510, 81.1115

Triad

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



60.8927, 68.7510, 74.3509



67.4943, 68.7510, 87.0230



67.8089, 68.7510, 64.3418

Complementary

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



60.8927, 68.7510, 74.3509



60.3025, 58.8258, 64.0564

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.



69.4657, 68.7510, 68.9347



60.8927, 68.7510, 74.3509



69.2810, 68.7510, 82.0441

Square

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



60.8927, 68.7510, 74.3509



65.1684, 68.7510, 88.6861



70.0108, 68.7510, 75.3677



65.5234, 68.7510, 62.5479

Rectangle

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



60.8927, 68.7510, 74.3509



62.3275, 68.7510, 84.9543



70.0108, 68.7510, 75.3677



68.4599, 68.7510, 65.5954

Sweetspot

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



60.8947, 68.7539, 74.3524



90.9734, 97.9473, 106.5013



60.3851, 68.7702, 61.7221



19.3128, 20.8846, 22.7001



0.0000, 0.0000, 0.0000



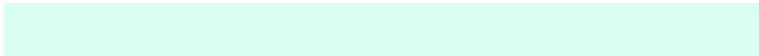
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8947, 68.7539, 74.3524



80.7946, 92.8309, 100.1100



60.1717, 65.8368, 78.6471



13.9568, 15.5085, 16.8078



19.5661, 32.6513, 26.5020



1.3921, 2.2776, 2.0261

Inverse Universe

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



60.3025, 58.8258, 64.0564



79.8081, 76.2848, 82.9527



60.9334, 61.3850, 60.2677



13.8524, 13.7586, 14.9930



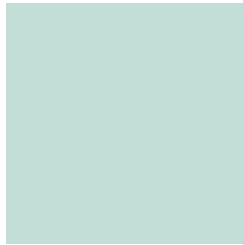
18.3791, 9.4187, 3.3963



1.3101, 0.6673, 0.4260

Previews

White Background



This preview shows how the XYZ color 60.8927, 68.7510, 74.3509 looks on a white background.

Color Contrast Check

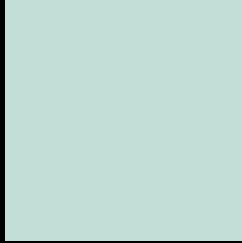
Large Text (above 18pt) WCAG AA × Fail

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 60.8927, 68.7510, 74.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

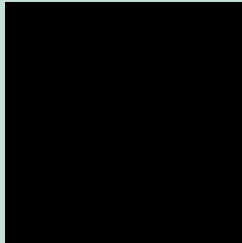
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

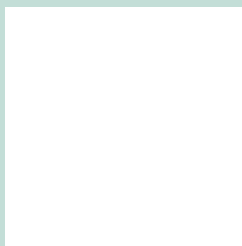
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8927, 68.7510, 74.3509

Background



This preview shows how black text looks on a background with the XYZ color 60.8927, 68.7510, 74.3509.



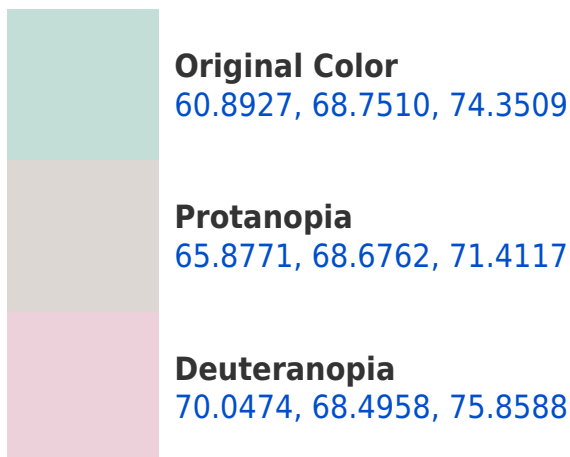
This preview shows how white text looks on a background with the XYZ color 60.8927, 68.7510,

74.3509.

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





Tritanopia

64.0250, 68.8613, 89.2740

Trichromacy



Original Color

60.8927, 68.7510, 74.3509

Protanomaly

64.1064, 68.8933, 72.2063

Deuteranomaly

66.3897, 68.4750, 75.3635

Tritanomaly

62.8855, 68.7936, 83.3629

Monochromacy



Original Color

60.8927, 68.7510, 74.3509

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.1471, 67.0886, 73.2922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8927, 68.7510, 74.3509 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(195, 222, 215)` looks like.

```
.text, #text, p{  
    color:rgb(195, 222, 215)  
}
```

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(195, 222, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 222, 215) }
```

Border

The CSS property to change the border of an element to XYZ 60.8927, 68.7510, 74.3509 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(195, 222, 215) }
```


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

```
.border{ border-color:rgb(195, 222, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 222, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 222, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 222, 215);  
box-shadow:4px 4px 4px 4px rgb(195, 222,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8927, 68.7510, 74.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 222, 215) }
```

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

```
.background{ background-color: rgb(195,  
222, 215) }
```

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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