

Converting Colors

XYZ(60.9011, 72.4809, 65.3172)

Have a look what the booklet for
XYZ(60.9011, 72.4809, 65.3172)
contains.

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Color

**XYZ(60.9936, 72.6594,
65.4535)**

Conversions

Conversions Part 1

Format	Color
Hex	C1E7C8
RGB	193, 231, 200
RGB Percent	76%, 91%, 78%
CMY	0.2431, 0.0941, 0.2157
CMYK	0.16, 0.00, 0.13, 0.09
HSL	131°, 44%, 83%
HSV	131°, 16%, 91%
XYZ	60.9936, 72.6594, 65.4535
YIQ	216.1040, -12.6970, -17.6970

Conversions

Conversions Part 2

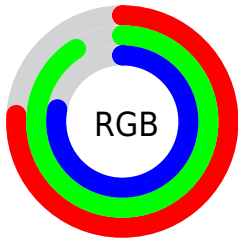
Format	Color
RYB	193, 225, 231
Decimal	12707784
CIELab	88.29, -18.23, 11.01
CIELCh	88, 21.298, 148.875
Yxy	72.6594, 0.3063, 0.3649
Android (android.graphics.Color)	4290897864 (0xFFC1E7C8)
YUV	216.1040, -7.9393, -20.2622
Hunter-Lab	85.2405, -21.4456, 14.1414

Details

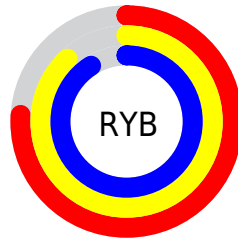
The XYZ color **60.9936, 72.6594, 65.4535** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.4821, 60.5125, 78.7533**, and the grayscale version is **65.4014, 68.8073, 74.9312**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **31.1657, 38.2242, 32.9295** is the 20% darker color. If you saturate the color by 10%, you get **53.4900, 69.0322, 54.3055**, and if you desaturate by 10%, it is **69.6925, 76.8755, 78.0777**.

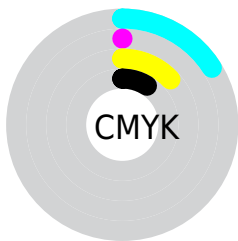
Distribution



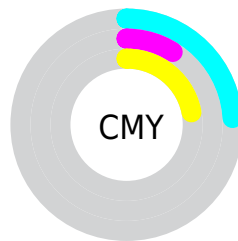
- Red (76%)
- Green (91%)
- Blue (78%)



- Red (76%)
- Yellow (88%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9936, 72.6594, 65.4535 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 60.9936, 72.6594, 65.4535 by changing the saturation by 10% instead.

60.9936, 72.6594,
65.4535

60.9936, 72.6594,
65.4535

418.0268,
469.8335, 462.7706

44.4725, 53.6975,
47.3752

105.3678,
122.9936, 114.3211

31.2417, 38.3599,
32.9759

133.9517,
155.1346, 145.9475

20.9357, 26.2621,
21.8370

167.2872,
192.4375, 182.9271

13.1892, 17.0198,
13.5400

205.7397,
235.2867, 225.6783

7.6368, 10.2486,
7.6664

249.6746,
284.0664, 274.6197

3.9133, 5.5641,
3.7975

299.4571,

1.6532, 2.5819,

339.1612, 330.1699

1.5149

355.4528,
400.9555, 392.7473

0.4267, 0.9176,
0.2290

0.0000, 0.0000,
0.0000

60.9936, 72.6594,
65.4535

60.9936, 72.6594,
65.4535

53.4900, 69.0322,
54.3055

69.6925, 76.8755,
78.0777

47.1235, 65.9589,
44.5751

79.6299, 81.6956,
92.2243

41.8395, 63.4147,
36.2069

87.8673, 85.6346,
106.5058

37.5768, 61.3692,
29.1399

■ 34.2681, 59.7891,
23.3086

■ 31.8375, 58.6369,
18.6416

■ 30.1973, 57.8689,
15.0604

■ 29.2393, 57.4312,
12.4764

■ 29.0051, 57.3257,
11.7787

Harmonies

Analogous

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



64.4279, 72.6594, 56.9609



60.9936, 72.6594, 65.4535



59.7037, 72.6594, 78.5632

Triad

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



60.9936, 72.6594, 65.4535



68.8681, 72.6594, 110.6817



78.0180, 72.6594, 66.2995

Complementary

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



60.9936, 72.6594, 65.4535



65.4821, 60.5125, 78.7533

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.



79.3473, 72.6594, 79.6669



60.9936, 72.6594, 65.4535



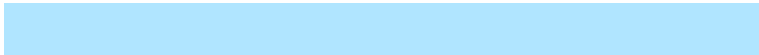
73.9102, 72.6594, 106.3735

Square

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



60.9936, 72.6594, 65.4535



64.1097, 72.6594, 105.7026



77.8092, 72.6594, 94.5535



74.2600, 72.6594, 57.4054

Rectangle

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



60.9936, 72.6594, 65.4535



60.1823, 72.6594, 88.5616



77.8092, 72.6594, 94.5535



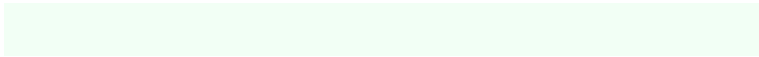
78.7717, 72.6594, 70.3629

Sweetspot

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



60.9956, 72.6625, 65.4551



88.8840, 97.0096, 100.1052



68.9553, 76.8582, 61.6539



18.8462, 20.6774, 21.1704



0.0000, 0.0000, 0.0000



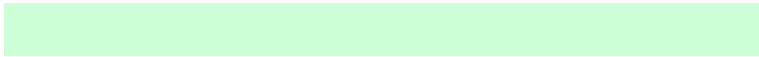
20.3446, 21.4041, 23.3091

Same Dimension

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



60.9956, 72.6625, 65.4551



72.7222, 89.1815, 76.5942



63.3524, 73.6052, 77.8657



14.2972, 16.1323, 15.8299



16.2929, 32.1493, 6.7767



1.2353, 2.3882, 0.6656

Inverse Universe

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



65.4821, 60.5125, 78.7533



79.4070, 71.0754, 96.4058



63.0507, 59.5400, 65.9497



14.8752, 14.5673, 17.5434



23.6339, 11.5878, 28.0309



1.7761, 0.8682, 2.2277

Previews

White Background



This preview shows how the XYZ color 60.9936, 72.6594, 65.4535 looks on a white background.

Color Contrast Check

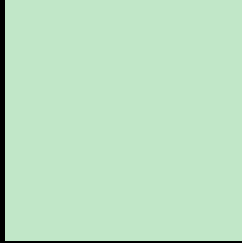
Large Text (above 18pt) WCAG AA × Fail

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 60.9936, 72.6594, 65.4535 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 60.9936, 72.6594, 65.4535

Background



This preview shows how black text looks on a background with the XYZ color 60.9936, 72.6594, 65.4535.



This preview shows how white text looks on a background with the XYZ color 60.9936, 72.6594,

65.4535.

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

60.9936, 72.6594, 65.4535

Protanopia

68.2858, 72.0704, 61.3509

Deuteranopia

73.7603, 72.0879, 67.1535



Tritanopia

66.9223, 72.6009, 95.2802

Trichromacy



Original Color

60.9936, 72.6594, 65.4535

Protanomaly

65.2347, 72.0485, 62.6931

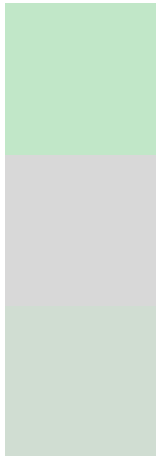
Deuteranomaly

68.6858, 72.1562, 66.8073

Tritanomaly

64.3602, 72.3545, 83.2467

Monochromacy



Original Color

60.9936, 72.6594, 65.4535

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.5017, 69.7759, 71.0940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9936, 72.6594, 65.4535 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(193, 231, 200)` looks like.

```
.text, #text, p{  
    color:rgb(193, 231, 200)  
}
```

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(193, 231, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 231, 200) }
```

Border

The CSS property to change the border of an element to XYZ 60.9936, 72.6594, 65.4535 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(193, 231, 200) }
```


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

```
.border{ border-color:rgb(193, 231, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 231, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 231, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 231, 200);  
box-shadow:4px 4px 4px 4px rgb(193, 231,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9936, 72.6594, 65.4535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 231, 200) }
```

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

```
.background{ background-color: rgb(193,  
231, 200) }
```

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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