

Converting Colors

XYZ(65.5712, 73.9488, 73.8881)

Have a look what the booklet for
XYZ(65.5712, 73.9488, 73.8881)
contains.

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Color

**XYZ(65.4832, 73.9645,
73.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE5D5
RGB	206, 229, 213
RGB Percent	81%, 90%, 84%
CMY	0.1921, 0.1019, 0.1647
CMYK	0.10, 0.00, 0.07, 0.10
HSL	138°, 31%, 85%
HSV	138°, 10%, 90%
XYZ	65.4832, 73.9645, 73.7760
YIQ	220.2990, -8.5720, -9.8520

Conversions

Conversions Part 2

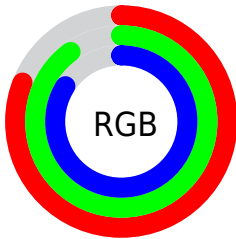
Format	Color
R _Y B	206, 224, 229
Decimal	13559253
CIE Lab	88.91, -10.57, 5.21
CIE LCh	89, 11.788, 153.779
Yxy	73.9645, 0.3071, 0.3469
Android (android.graphics.Color)	4291749333 (0xFFCEE5D5)
YUV	220.2990, -3.5984, -12.5402
Hunter-Lab	86.0026, -14.5930, 9.3408

Details

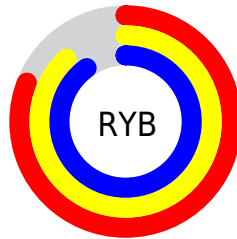
The XYZ color **65.4832, 73.9645, 73.7760** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.5720, 66.0766, 78.3035**, and the grayscale version is **68.2667, 71.8219, 78.2140**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2565, 39.4161, 38.1503** is the 20% darker color. If you saturate the color by 10%, you get **57.6593, 70.1555, 63.3676**, and if you desaturate by 10%, it is **74.4362, 78.3368, 85.2774**.

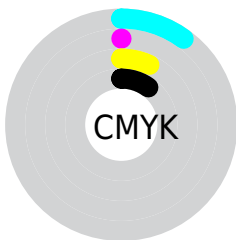
Distribution



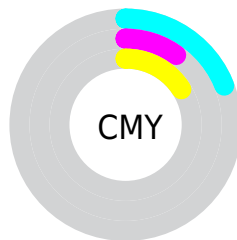
- Red (81%)
- Green (90%)
- Blue (84%)



- Red (81%)
- Yellow (88%)
- Blue (90%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (19%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4832, 73.9645, 73.7760 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 65.4832, 73.9645, 73.7760 by changing the saturation by 10% instead.

65.4832, 73.9645,
73.7760

65.4832, 73.9645,
73.7760

434.0442,
474.3508, 492.8426

48.1192, 54.7650,
54.1150

111.8061,
124.8455, 126.3093

34.1329, 39.2136,
38.2998

141.4957,
157.2957, 160.0188

23.1591, 26.9259,
25.9119

176.0245,
194.9317, 199.2482

14.8324, 17.5176,
16.5325

215.7578,
238.1378, 244.4160

8.7874, 10.6042,
9.7433

261.0611,
287.2983, 295.9408

4.6587, 5.8014,
5.1257

312.2997,

2.0811, 2.7247,

342.7977, 354.2411

2.2612

369.8390,
405.0204, 419.7356

■ 0.6789, 0.9897,
0.7094

■ 0.0000, 0.0000,
0.0000

■ 65.4832, 73.9645,
73.7760

■ 65.4832, 73.9645,
73.7760

■ 57.6593, 70.1555,
63.3676

■ 74.4362, 78.3368,
85.2774

■ 50.9127, 66.8775,
54.0155

■ 84.5551, 83.2844,
97.8976

■ 45.1968, 64.1093,
45.6878

■ 87.3107, 84.5214,
106.3202

■ 40.4590, 61.8244,
38.3494

■ 36.6418, 59.9939,
31.9631

■ 33.6816, 58.5860,
26.4893

■ 31.5063, 57.5642,
21.8855

■ 30.0309, 56.8858,
18.1058

■ 29.1163, 56.4796,
15.1095

Harmonies

Analogous

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



67.2883, 73.9645, 68.1430



65.4832, 73.9645, 73.7760



64.9564, 73.9645, 81.5770

Triad

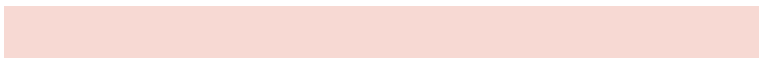
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.4832, 73.9645, 73.7760



70.6640, 73.9645, 97.2905



74.9707, 73.9645, 72.0935

Complementary

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



65.4832, 73.9645, 73.7760



67.5720, 66.0766, 78.3035

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.



75.9311, 73.9645, 79.5015



65.4832, 73.9645, 73.7760



73.4024, 73.9645, 94.3445

Square

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



65.4832, 73.9645, 73.7760



67.8997, 73.9645, 95.5024



75.3496, 73.9645, 87.6942



72.7584, 73.9645, 67.2188

Rectangle

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



65.4832, 73.9645, 73.7760



65.3888, 73.9645, 87.0520



75.3496, 73.9645, 87.6942



75.4533, 73.9645, 74.3512

Sweetspot

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



65.4853, 73.9676, 73.7776



91.4462, 98.2398, 104.3203



69.3176, 76.0437, 69.4182



19.3720, 20.9291, 22.0715



0.0000, 0.0000, 0.0000



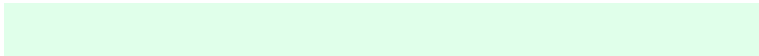
20.3446, 21.4041, 23.3091

Same Dimension

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



65.4853, 73.9676, 73.7776



81.4345, 93.3552, 91.3521



66.9843, 74.5673, 81.6714



14.3690, 16.1610, 16.2077



16.6934, 32.3095, 8.8857



1.2738, 2.4036, 0.8684

Inverse Universe

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



67.5720, 66.0766, 78.3035



84.5901, 81.4213, 98.1958



66.0945, 65.4856, 70.5235



14.7985, 14.5366, 17.1394



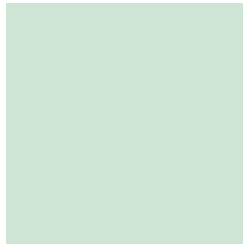
22.1247, 10.9841, 20.0836



1.6758, 0.8280, 1.6993

Previews

White Background



This preview shows how the XYZ color 65.4832, 73.9645, 73.7760 looks on a white background.

Color Contrast Check

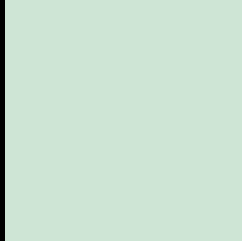
Large Text (above 18pt) WCAG AA × Fail

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 65.4832, 73.9645, 73.7760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

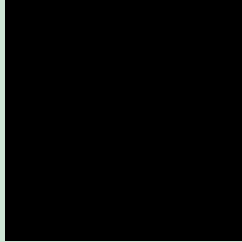
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

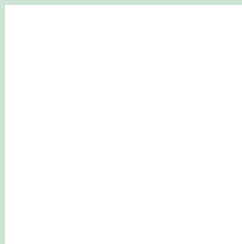
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.4832, 73.9645, 73.7760

Background



This preview shows how black text looks on a background with the XYZ color 65.4832, 73.9645, 73.7760.



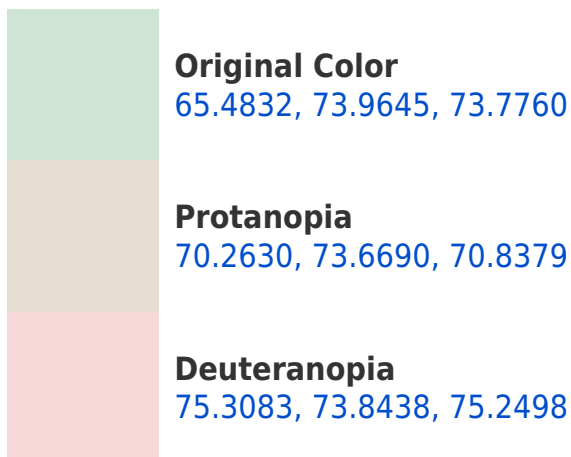
This preview shows how white text looks on a background with the XYZ color 65.4832, 73.9645,

73.7760.

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

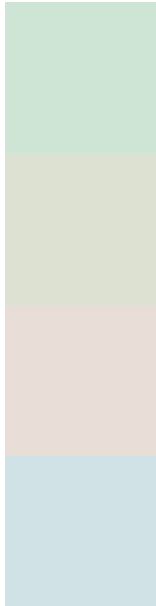




Tritanopia

69.8162, 74.1101, 94.6294

Trichromacy



Original Color

65.4832, 73.9645, 73.7760

Protanomaly

68.3769, 73.8757, 71.6284

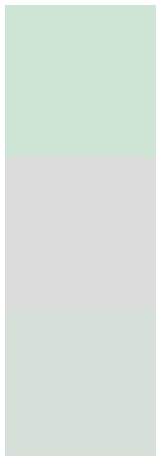
Deuteranomaly

71.4009, 73.7750, 74.7667

Tritanomaly

67.9147, 73.7175, 86.2507

Monochromacy



Original Color

65.4832, 73.9645, 73.7760

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

66.9364, 72.2322, 76.0599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4832, 73.9645, 73.7760 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(206, 229, 213) looks like.

```
.text, #text, p{  
    color:rgb(206, 229, 213)  
}
```

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(206, 229, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 229, 213) }
```

Border

The CSS property to change the border of an element to XYZ 65.4832, 73.9645, 73.7760 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(206, 229, 213) }
```


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

```
.border{ border-color:rgb(206, 229, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 229, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 229, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 229, 213);  
box-shadow:4px 4px 4px 4px rgb(206, 229,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4832, 73.9645, 73.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 229, 213) }
```

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

```
.background{ background-color: rgb(206,  
229, 213) }
```

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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