

Converting Colors

XYZ(65.2350, 73.1573, 70.9291)

Have a look what the booklet for
XYZ(65.2350, 73.1573, 70.9291)
contains.

XYZ(65.2722, 73.0969, 70.9905)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.2722, 73.0969,
70.9905)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E3D1
RGB	209, 227, 209
RGB Percent	82%, 89%, 82%
CMY	0.1804, 0.1098, 0.1804
CMYK	0.08, 0.00, 0.08, 0.11
HSL	120°, 24%, 85%
HSV	120°, 8%, 89%
XYZ	65.2722, 73.0969, 70.9905
YIQ	219.5660, -4.9500, -9.4140

Conversions

Conversions Part 2

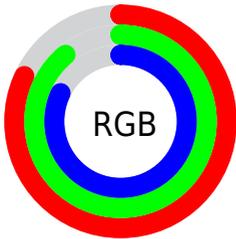
Format	Color
R_{YB}	209, 227, 227
Decimal	13755345
CIE Lab	88.49, -9.27, 6.74
CIE LCh	88, 11.464, 144.004
Yxy	73.0969, 0.3118, 0.3491
Android (android.graphics.Color)	4291945425 (0xFFD1E3D1)
YUV	219.5660, -5.2090, -9.2664
Hunter-Lab	85.4967, -13.3440, 10.6174

Details

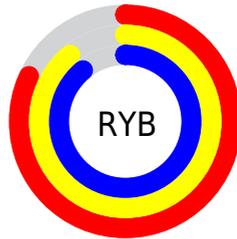
The XYZ color **65.2722, 73.0969, 70.9905** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3468, 67.4797, 82.0992**, and the grayscale version is **67.7644, 71.2934, 77.6385**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1865, 38.8402, 36.7054** is the 20% darker color. If you saturate the color by 10%, you get **56.6884, 68.9758, 56.9485**, and if you desaturate by 10%, it is **75.1757, 77.8562, 87.1877**.

Distribution



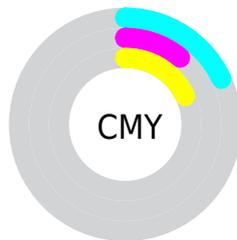
- Red (82%)
- Green (89%)
- Blue (82%)



- Red (82%)
- Yellow (89%)
- Blue (89%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2722, 73.0969, 70.9905 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 65.2722, 73.0969, 70.9905 by changing the saturation by 10% instead.

■ 65.2722, 73.0969,
70.9905

■ 65.2722, 73.0969,
70.9905

433.2993,
471.3506, 482.9030

■ 47.9473, 54.0552,
51.8527

111.5046,
123.6148, 122.3145

■ 33.9963, 38.6458,
36.5062

141.1429,
155.8597, 155.3378

■ 23.0536, 26.4843,
24.5326

175.6164,
193.2745, 193.8266

■ 14.7540, 17.1863,
15.5133

215.2905,
236.2436, 238.1995

■ 8.7321, 10.3674,
9.0298

260.5304,
285.1514, 288.8751

■ 4.6226, 5.6432,
4.6636

311.7016,

■ 2.0600, 2.6294,

340.3822, 346.2718

1.9960

369.1695,
402.3205, 410.8083

■ 0.6673, 0.9415,
0.5528

■ 0.0000, 0.0000,
0.0000

■ 65.2722, 73.0969,
70.9905

■ 65.2722, 73.0969,
70.9905

■ 56.6884, 68.9758,
56.9485

■ 75.1757, 77.8562,
87.1877

■ 49.3629, 65.4570,
44.9663

■ 86.4449, 83.2694,
105.6203

■ 43.2383, 62.5151,
34.9485

■ 86.7605, 83.4210,
106.1368

■ 38.2508, 60.1193,
26.7904

■ 34.3302, 58.2360,
20.3775

■ 31.3989, 56.8280,
15.5827

■ 29.3686, 55.8527,
12.2618

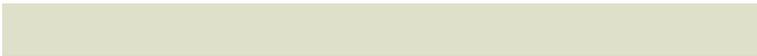
■ 28.1356, 55.2604,
10.2448

■ 27.5550, 54.9816,
9.2952

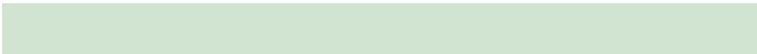
Harmonies

Analogous

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



67.3406, 73.0969, 66.5022



65.2722, 73.0969, 70.9905



64.3329, 73.0969, 78.0135

Triad

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



65.2722, 73.0969, 70.9905



68.9237, 73.0969, 95.6762



74.4361, 73.0969, 73.5683

Complementary

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



65.2722, 73.0969, 70.9905



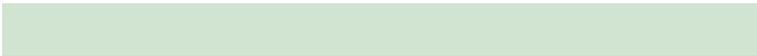
68.3468, 67.4797, 82.0992

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.



74.8870, 73.0969, 81.1878



65.2722, 73.0969, 70.9905



71.6569, 73.0969, 94.2915

Square

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



65.2722, 73.0969, 70.9905



66.4049, 73.0969, 92.5257



73.8574, 73.0969, 88.8576



72.6412, 73.0969, 67.9201

Rectangle

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



65.2722, 73.0969, 70.9905



64.4552, 73.0969, 83.3235



73.8574, 73.0969, 88.8576



74.7518, 73.0969, 75.9699

Sweetspot

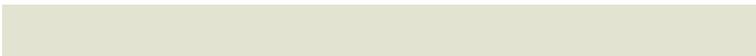
The Sweet Spot groups the original color and five complimentary colors.



65.2742, 73.1000, 70.9921



92.3882, 98.7214, 104.5461



70.6595, 75.8762, 71.2440



19.8027, 21.1438, 22.4228



0.0000, 0.0000, 0.0000



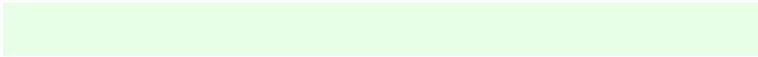
20.3446, 21.4041, 23.3091

Same Dimension

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



65.2742, 73.1000, 70.9921



82.4457, 93.9455, 88.2835



66.4207, 73.5586, 77.0294



14.1894, 16.0892, 15.2622



16.0201, 32.0401, 5.3401



1.1838, 2.3677, 0.3946

Inverse Universe

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



68.3468, 67.4797, 82.0992



87.4478, 84.7957, 106.3656



67.1363, 66.9955, 75.7249



14.9952, 14.6153, 18.1750



26.5610, 12.7586, 43.4445



1.9628, 0.9428, 3.2104

Previews

White Background



This preview shows how the XYZ color 65.2722, 73.0969, 70.9905 looks on a white background.

Color Contrast Check

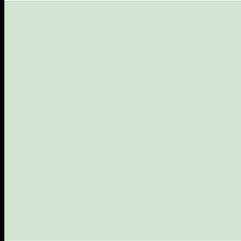
Large Text (above 18pt) WCAG AA × Fail

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 65.2722, 73.0969, 70.9905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

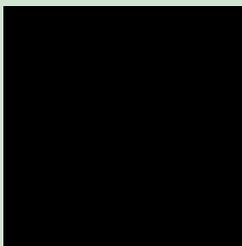
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

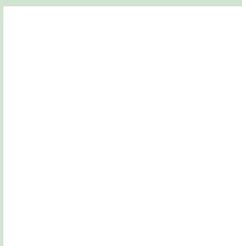
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.2722, 73.0969, 70.9905

Background



This preview shows how black text looks on a background with the XYZ color 65.2722, 73.0969, 70.9905.



This preview shows how white text looks on a background with the XYZ color 65.2722, 73.0969,

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

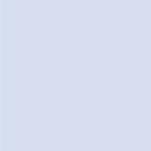
65.2722, 73.0969, 70.9905

Protanopia

69.6302, 72.9921, 68.8115

Deuteranopia

74.2880, 72.6208, 72.3892



Tritanopia

69.5810, 72.8300, 92.8284

Trichromacy



Original Color

65.2722, 73.0969, 70.9905

Protanomaly

67.7744, 72.8099, 69.5131

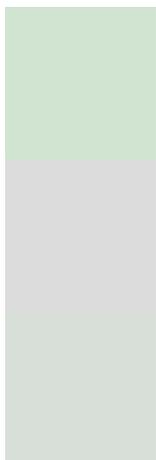
Deuteranomaly

70.6937, 72.6898, 71.9326

Tritanomaly

67.9499, 72.9655, 84.6311

Monochromacy



Original Color

65.2722, 73.0969, 70.9905

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.1012, 72.3322, 75.3906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2722, 73.0969, 70.9905 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(209, 227, 209)` looks like.

```
.text, #text, p{  
    color:rgb(209, 227, 209)  
}
```

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(209, 227, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 227, 209) }
```

Border

The CSS property to change the border of an element to XYZ 65.2722, 73.0969, 70.9905 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(209, 227, 209) }
```

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

```
.border{ border-color:rgb(209, 227, 209) }
```

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

Here you see how a box with a 4 pixel rgb(209, 227, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 227, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 227, 209);  
box-shadow:4px 4px 4px 4px rgb(209, 227,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2722, 73.0969, 70.9905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 227, 209) }
```

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

```
.background{ background-color: rgb(209,  
227, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor