

Converting Colors

XYZ(65.1563, 70.9931, 72.5563)

Have a look what the booklet for
XYZ(65.1563, 70.9931, 72.5563)
contains.

XYZ(65.1563, 70.9931, 72.5563)	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(65.1563, 70.9931,
72.5563)**

Conversions

Conversions Part 1

Format	Color
Hex	D4DED4
RGB	212, 222, 212
RGB Percent	83%, 87%, 83%
CMY	0.1686, 0.1294, 0.1686
CMYK	0.05, 0.00, 0.05, 0.13
HSL	120°, 13%, 85%
HSV	120°, 5%, 87%
XYZ	65.1563, 70.9931, 72.5563
YIQ	217.8700, -2.7500, -5.2300

Conversions

Conversions Part 2

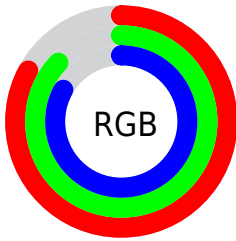
Format	Color
R _Y B	212, 222, 222
Decimal	13950676
CIE Lab	87.48, -5.17, 3.73
CIE LCh	87, 6.375, 144.231
Yxy	70.9931, 0.3122, 0.3402
Android (android.graphics.Color)	4292140756 (0xFFD4DED4)
YUV	217.8700, -2.8939, -5.1480
Hunter-Lab	84.2574, -9.4163, 7.9240

Details

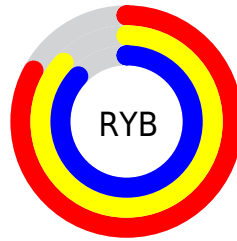
The XYZ color **65.1563, 70.9931, 72.5563** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8551, 67.8922, 78.6915**, and the grayscale version is **66.5734, 70.0404, 76.2739**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8091, 37.2399, 37.3044** is the 20% darker color. If you saturate the color by 10%, you get **56.5808, 66.8759, 58.5280**, and if you desaturate by 10%, it is **75.0009, 75.7240, 88.6568**.

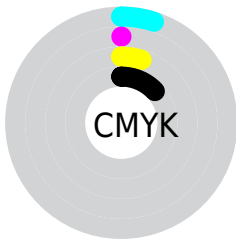
Distribution



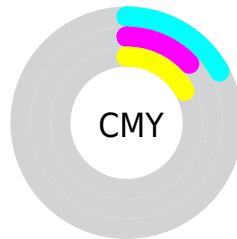
- Red (83%)
- Green (87%)
- Blue (83%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (17%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1563, 70.9931, 72.5563 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 65.1563, 70.9931, 72.5563 by changing the saturation by 10% instead.

■ 65.1563, 70.9931,
72.5563

■ 65.1563, 70.9931,
72.5563

432.8898,
464.0293, 488.5051

■ 47.8530, 52.3366,
53.1236

111.3390,
120.6239, 124.5622

■ 33.9213, 37.2734,
37.5131

140.9491,
152.3670, 157.9725

■ 22.9957, 25.4193,
25.3061

175.3922,
189.2410, 196.8790

■ 14.7110, 16.3897,
16.0842

215.0336,
231.6303, 241.7004

■ 8.7018, 9.8003,
9.4287

260.2387,
279.9195, 292.8552

■ 4.6027, 5.2668,
4.9213

311.3729,

■ 2.0485, 2.4046,

334.4927, 350.7619

2.1432

368.8015,
395.7346, 415.8390

■ 0.6610, 0.8283,
0.6413

■ 0.0000, 0.0000,
0.0000

■ 65.1563, 70.9931,
72.5563

■ 65.1563, 70.9931,
72.5563

■ 56.5808, 66.8759,
58.5280

■ 75.0009, 75.7240,
88.6568

■ 49.2170, 63.3387,
46.4834

■ 85.4127, 80.7254,
105.6876

■ 43.0122, 60.3583,
36.3345

■ 37.9075, 57.9062,
27.9847

■ 33.8385, 55.9516,
21.3291

■ 30.7345, 54.4606,
16.2518

■ 28.5158, 53.3949,
12.6226

■ 27.0901, 52.7101,
10.2904

■ 26.3447, 52.3520,
9.0709

Harmonies

Analogous

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



66.2963, 70.9931, 69.9866



65.1563, 70.9931, 72.5563



64.6388, 70.9931, 76.4695

Triad

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



65.1563, 70.9931, 72.5563



67.1864, 70.9931, 85.8405



70.1498, 70.9931, 73.9482

Complementary

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



65.1563, 70.9931, 72.5563



66.8551, 67.8922, 78.6915

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.



70.3967, 70.9931, 78.1354



65.1563, 70.9931, 72.5563



68.6713, 70.9931, 85.1047

Square

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



65.1563, 70.9931, 72.5563



65.7997, 70.9931, 84.2197



69.8518, 70.9931, 82.2449



69.1822, 70.9931, 70.7690

Rectangle

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



65.1563, 70.9931, 72.5563



64.7109, 70.9931, 79.3544



69.8518, 70.9931, 82.2449



70.3204, 70.9931, 75.2802

Sweetspot

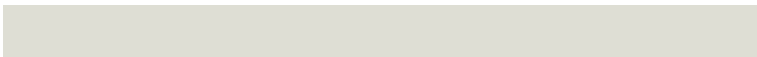
The Sweet Spot groups the original color and five complimentary colors.



65.1583, 70.9961, 72.5579



93.7102, 99.3564, 106.7085



68.1323, 72.5293, 72.6968



20.0720, 21.2731, 22.8631



0.0000, 0.0000, 0.0000



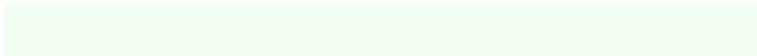
20.3446, 21.4041, 23.3091

Same Dimension

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



65.1583, 70.9961, 72.5579



88.5285, 96.8674, 98.2331



65.7992, 71.2525, 75.9330



14.2710, 15.6938, 15.7682



15.5156, 31.0311, 5.1720



1.0755, 2.1509, 0.3585

Inverse Universe

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



66.8551, 67.8922, 78.6915



91.1165, 92.1332, 107.5884



66.1944, 67.6279, 75.2125



14.7427, 14.8309, 17.4732



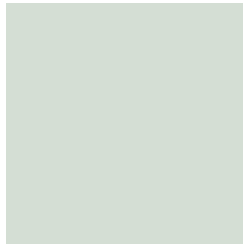
25.7240, 12.3566, 42.0739



1.7831, 0.8565, 2.9164

Previews

White Background



This preview shows how the XYZ color 65.1563, 70.9931, 72.5563 looks on a white background.

Color Contrast Check

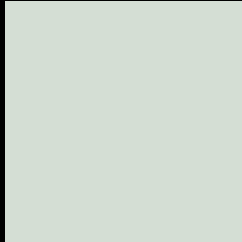
Large Text (above 18pt) WCAG AA × Fail

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 65.1563, 70.9931, 72.5563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

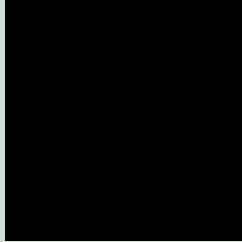
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

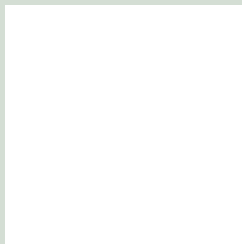
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.1563, 70.9931, 72.5563

Background



This preview shows how black text looks on a background with the XYZ color 65.1563, 70.9931, 72.5563.

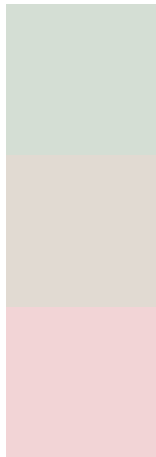


This preview shows how white text looks on a background with the XYZ color 65.1563, 70.9931,

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

65.1563, 70.9931, 72.5563

Protanopia

67.7556, 70.8035, 71.0681

Deuteranopia

72.2990, 70.8193, 73.4772



Tritanopia

68.5306, 70.7979, 89.4103

Trichromacy



Original Color

65.1563, 70.9931, 72.5563

Protanomaly

66.6046, 70.5818, 71.7412

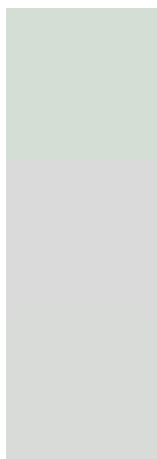
Deuteranomaly

69.5211, 70.9048, 72.9726

Tritanomaly

67.2210, 70.6562, 82.7681

Monochromacy



Original Color

65.1563, 70.9931, 72.5563

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.0451, 70.2198, 75.0386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1563, 70.9931, 72.5563 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(212, 222, 212)` looks like.

```
.text, #text, p{  
    color:rgb(212, 222, 212)  
}
```

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(212, 222, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 222, 212) }
```

Border

The CSS property to change the border of an element to XYZ 65.1563, 70.9931, 72.5563 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(212, 222, 212) }
```


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

```
.border{ border-color:rgb(212, 222, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 222, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 222, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 222, 212);  
box-shadow:4px 4px 4px 4px rgb(212, 222,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1563, 70.9931, 72.5563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 222, 212) }
```

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

```
.background{ background-color: rgb(212,  
222, 212) }
```

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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