

Converting Colors

XYZ(66.2275, 72.9741, 69.6304)

Have a look what the booklet for
XYZ(66.2275, 72.9741, 69.6304)
contains.

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Color

**XYZ(66.2120, 72.8025,
69.5940)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E1CF
RGB	215, 225, 207
RGB Percent	84%, 88%, 81%
CMY	0.1569, 0.1176, 0.1882
CMYK	0.04, 0.00, 0.08, 0.12
HSL	93°, 23%, 85%
HSV	93°, 8%, 88%
XYZ	66.2120, 72.8025, 69.5940
YIQ	219.9580, -0.1820, -7.7180

Conversions

Conversions Part 2

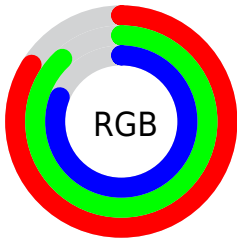
Format	Color
RYB	207, 225, 217
Decimal	14148047
CIELab	88.35, -6.56, 7.64
CIElCh	88, 10.071, 130.660
Yxy	72.8025, 0.3174, 0.3490
Android (android.graphics.Color)	4292338127 (0xFFD7E1CF)
YUV	219.9580, -6.3883, -4.3482
Hunter-Lab	85.3244, -10.8011, 11.3678

Details

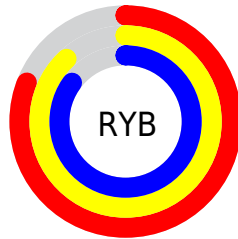
The XYZ color **66.2120, 72.8025, 69.5940** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5216, 64.8156, 80.3480**, and the grayscale version is **68.0432, 71.5867, 77.9579**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6217, 38.5229, 35.7479** is the 20% darker color. If you saturate the color by 10%, you get **60.1231, 69.9612, 55.9583**, and if you desaturate by 10%, it is **72.9776, 75.9516, 85.3107**.

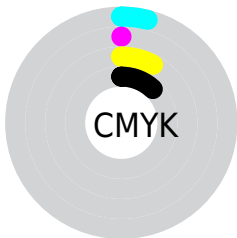
Distribution



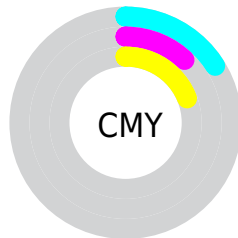
- Red (84%)
- Green (88%)
- Blue (81%)



- Red (81%)
- Yellow (88%)
- Blue (85%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (16%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.2120, 72.8025, 69.5940 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 66.2120, 72.8025, 69.5940 by changing the saturation by 10% instead.

■ 66.2120, 72.8025,
69.5940

■ 66.2120, 72.8025,
69.5940

436.6114,
470.3300, 477.8737

■ 48.7129, 53.8145,
50.7209

112.8466,
123.1968, 120.3053

■ 34.6054, 38.4534,
35.6113

142.7128,
155.3719, 152.9805

■ 23.5241, 26.3347,
23.8468

177.4320,
192.7114, 191.0934

■ 15.1038, 17.0742,
15.0089

217.3696,
235.5998, 235.0627

■ 8.9791, 10.2874,
8.6789

262.8910,
284.4215, 285.3069

■ 4.7845, 5.5899,
4.4384

314.3616,

■ 2.1548, 2.5974,

339.5608, 342.2444

1.8688

372.1465,
401.4022, 406.2938

■ 0.7188, 0.9254,
0.4728

■ 0.0000, 0.0000,
0.0000

■ 66.2120, 72.8025,
69.5940

■ 66.2120, 72.8025,
69.5940

■ 60.1231, 69.9612,
55.9583

■ 72.9776, 75.9516,
85.3107

■ 54.6823, 67.4085,
44.3118

■ 80.4354, 79.4083,
103.1857

■ 49.8672, 65.1371,
34.5625

■ 85.3066, 81.8642,
105.9130

■ 45.6523, 63.1358,
26.6098

■ 86.2167, 82.3333,
105.9556

■ 42.0096, 61.3929,
20.3433

■ 38.9086, 59.8951,
15.6408

■ 36.3157, 58.6283,
12.3635

■ 34.1916, 57.5757,
10.3479

■ 32.4846, 56.7157,
9.3642

Harmonies

Analogous

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



68.3404, 72.8025, 66.8939



66.2120, 72.8025, 69.5940



64.9028, 72.8025, 74.9422

Triad

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



66.2120, 72.8025, 69.5940



67.6686, 72.8025, 92.5053



73.8658, 72.8025, 76.8326

Complementary

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



66.2120, 72.8025, 69.5940



64.5216, 64.8156, 80.3480

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.



73.6757, 72.8025, 83.7604



66.2120, 72.8025, 69.5940



70.0600, 72.8025, 93.0846

Square

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



66.2120, 72.8025, 69.5940



65.7301, 72.8025, 88.2633



72.2696, 72.8025, 89.8027



72.7829, 72.8025, 70.9085

Rectangle

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



66.2120, 72.8025, 69.5940



64.6521, 72.8025, 79.4229



72.2696, 72.8025, 89.8027



73.9492, 72.8025, 79.1164

Sweetspot

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



66.2140, 72.8056, 69.5956



93.2047, 99.1423, 104.5843



67.1037, 70.0896, 69.0244



19.9690, 21.2295, 22.4305



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.



66.2140, 72.8056, 69.5956



86.1905, 95.8760, 88.4585



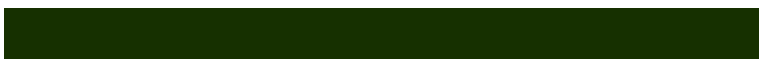
64.0323, 71.6682, 70.0697



14.1040, 15.6338, 14.5810



18.6721, 32.6583, 5.3196



1.3960, 2.3162, 0.3735

Inverse Universe

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



64.5216, 64.8156, 80.3480



83.4016, 82.7098, 106.1766



66.8350, 66.0224, 79.8168



13.6768, 13.6169, 17.2952



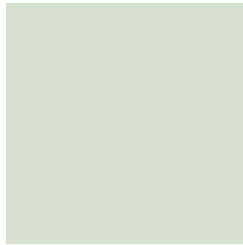
12.8439, 5.7166, 41.4748



0.9928, 0.4491, 2.8796

Previews

White Background



This preview shows how the XYZ color 66.2120, 72.8025, 69.5940 looks on a white background.

Color Contrast Check

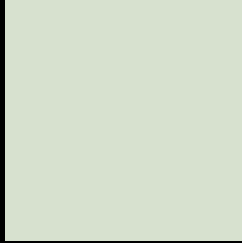
Large Text (above 18pt) WCAG AA × Fail

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 66.2120, 72.8025, 69.5940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

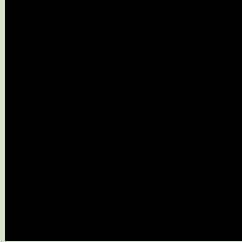
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

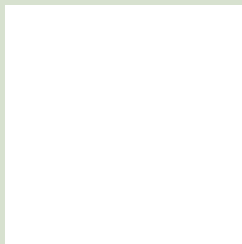
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.2120, 72.8025, 69.5940

Background



This preview shows how black text looks on a background with the XYZ color 66.2120, 72.8025, 69.5940.



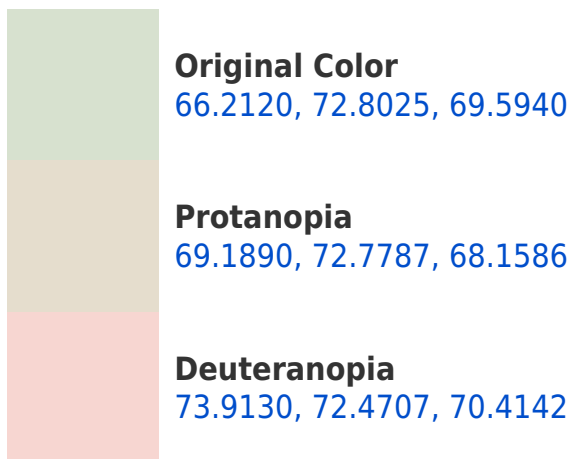
This preview shows how white text looks on a background with the XYZ color 66.2120, 72.8025,

69.5940.

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

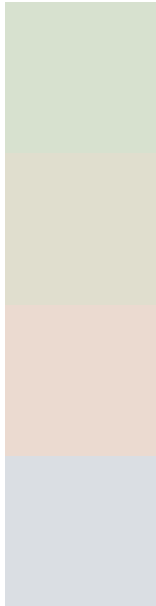




Tritanopia

70.5410, 72.5751, 91.1794

Trichromacy



Original Color

66.2120, 72.8025, 69.5940

Protanomaly

68.0023, 72.5461, 68.8112

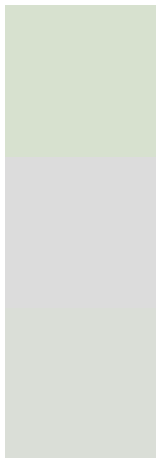
Deuteranomaly

70.7175, 72.3590, 69.9140

Tritanomaly

68.8998, 72.6940, 83.0730

Monochromacy



Original Color

66.2120, 72.8025, 69.5940

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.3005, 72.0543, 74.6507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2120, 72.8025, 69.5940 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(215, 225, 207) looks like.

```
.text, #text, p{  
    color:rgb(215, 225, 207)  
}
```

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(215, 225, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 225, 207) }
```

Border

The CSS property to change the border of an element to XYZ 66.2120, 72.8025, 69.5940 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(215, 225, 207) }
```


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

```
.border{ border-color:rgb(215, 225, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 225, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 225, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 225, 207);  
box-shadow:4px 4px 4px 4px rgb(215, 225,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2120, 72.8025, 69.5940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 225, 207) }
```

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

```
.background{ background-color: rgb(215,  
225, 207) }
```

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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