

Converting Colors

XYZ(66.7062, 72.9134, 60.9870)

Have a look what the booklet for
XYZ(66.7062, 72.9134, 60.9870)
contains.

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Color

**XYZ(66.7127, 72.8495,
60.9973)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE0C1
RGB	223, 224, 193
RGB Percent	87%, 88%, 76%
CMY	0.1255, 0.1215, 0.2431
CMYK	0.00, 0.00, 0.14, 0.12
HSL	62°, 33%, 82%
HSV	62°, 14%, 88%
XYZ	66.7127, 72.8495, 60.9973
YIQ	220.1670, 9.3550, -9.8530

Conversions

Conversions Part 2

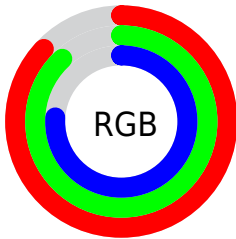
Format	Color
RYB	193, 224, 194
Decimal	14672065
CIELab	88.38, -5.54, 15.09
CIELCh	88, 16.073, 110.179
Yxy	72.8495, 0.3326, 0.3632
Android (android.graphics.Color)	4292862145 (0xFFDFE0C1)
YUV	220.1670, -13.3933, 2.4845
Hunter-Lab	85.3519, -9.8468, 17.3744

Details

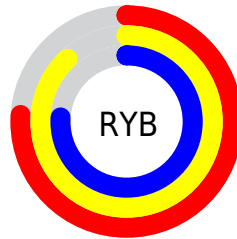
The XYZ color **66.7127, 72.8495, 60.9973** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.7754, 54.9930, 78.2526**, and the grayscale version is **68.2317, 71.7851, 78.1740**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **34.9966, 38.5648, 30.0253** is the 20% darker color. If you saturate the color by 10%, you get **64.1784, 71.8124, 48.8077**, and if you desaturate by 10%, it is **69.6305, 74.0449, 75.1835**.

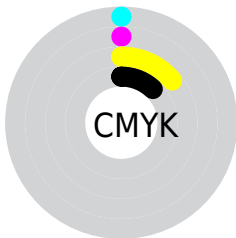
Distribution



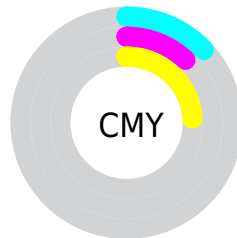
- Red (87%)
- Green (88%)
- Blue (76%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (14%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7127, 72.8495, 60.9973 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 66.7127, 72.8495, 60.9973 by changing the saturation by 10% instead.

66.7127, 72.8495,
60.9973

66.7127, 72.8495,
60.9973

438.3700,
470.4930, 446.1704

49.1210, 53.8529,
43.7924

113.5607,
123.2635, 107.8325

34.9304, 38.4841,
30.1714

143.5478,
155.4498, 138.3000

23.7755, 26.3586,
19.7155

178.3973,
192.8013, 174.0254

15.2910, 17.0921,
12.0064

218.4747,
235.7026, 215.4272

9.1115, 10.3002,
6.6255

264.1453,
284.5381, 262.9241

4.8717, 5.5984,
3.1541

315.7745,

2.2062, 2.6025,

339.6920, 316.9346

1.1739

373.7276,
401.5489, 377.8772

■ 0.7460, 0.9279,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.7127, 72.8495,
60.9973

■ 66.7127, 72.8495,
60.9973

■ 64.1784, 71.8124,
48.8077

■ 69.6305, 74.0449,
75.1835

■ 62.0046, 70.9172,
38.5207


■ 72.9417, 75.3954,
91.4455


■ 60.1751, 70.1599,
30.0418


■ 75.8141, 76.5705,
105.3915


■ 58.6701, 69.5324,
23.2662


■ 76.0412, 76.6875,
105.4021


 57.4676, 69.0261,
18.0789


 76.2692, 76.8051,
105.4128


 56.5431, 68.6310,
14.3503


 76.4981, 76.9231,
105.4235


 55.8681, 68.3359,
11.9306

 76.7280, 77.0416,
105.4343

 55.4080, 68.1269,
10.6378

 76.9589, 77.1607,
105.4451

 55.1972, 68.0272,
10.2214

 77.1908, 77.2802,
105.4559

Harmonies

Analogous

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



70.5148, 72.8495, 60.1675



66.7127, 72.8495, 60.9973



63.6964, 72.8495, 66.4738

Triad

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



66.7127, 72.8495, 60.9973



64.5967, 72.8495, 96.7900



76.8141, 72.8495, 83.0014

Complementary

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



66.7127, 72.8495, 60.9973



54.7754, 54.9930, 78.2526

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.



75.0989, 72.8495, 93.7246



66.7127, 72.8495, 60.9973



67.9832, 72.8495, 102.1600

Square

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



66.7127, 72.8495, 60.9973



62.5066, 72.8495, 86.8805



71.8329, 72.8495, 100.9889



76.4431, 72.8495, 72.2127

Rectangle

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



66.7127, 72.8495, 60.9973



62.4918, 72.8495, 72.3301



71.8329, 72.8495, 100.9889



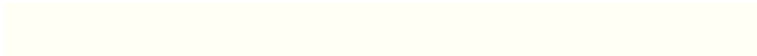
76.4601, 72.8495, 86.7479

Sweetspot

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



66.7147, 72.8527, 60.9989



93.3294, 99.2977, 100.4736



59.5528, 58.0681, 58.5226



19.9091, 21.2264, 21.1771



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

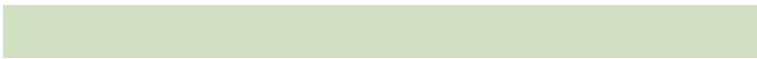
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.7147, 72.8527, 60.9989



88.3246, 97.2504, 76.1721



62.2917, 70.5726, 60.7919



14.8255, 16.0057, 14.6148



32.1469, 39.6048, 5.9502



2.2422, 2.7524, 0.4131

Inverse Universe

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



54.7754, 54.9930, 78.2526



68.9625, 68.2865, 104.1536



58.8259, 57.0811, 78.4422



12.9929, 13.2644, 17.2632



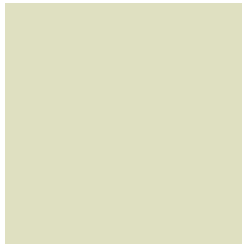
7.9029, 3.1694, 41.2436



0.5625, 0.2273, 2.8595

Previews

White Background



This preview shows how the XYZ color 66.7127, 72.8495, 60.9973 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 66.7127, 72.8495, 60.9973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

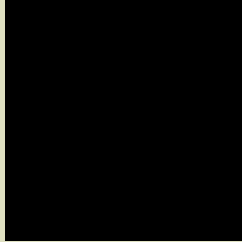
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

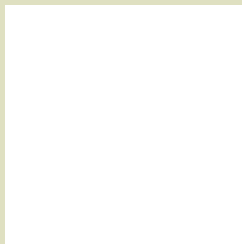
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7127, 72.8495, 60.9973

Background



This preview shows how black text looks on a background with the XYZ color 66.7127, 72.8495, 60.9973.



This preview shows how white text looks on a background with the XYZ color 66.7127, 72.8495,

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

66.7127, 72.8495, 60.9973

Protanopia

68.9752, 72.8423, 60.2938

Deuteranopia

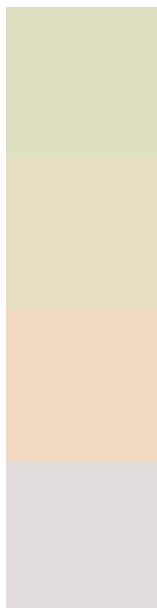
74.4049, 72.9159, 61.7824



Tritanopia

72.3799, 72.7990, 88.8340

Trichromacy



Original Color

66.7127, 72.8495, 60.9973

Protanomaly

67.9488, 72.7063, 60.3216

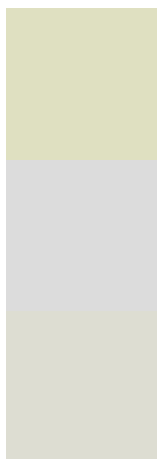
Deuteranomaly

71.4270, 72.9151, 61.3484

Tritanomaly

70.1900, 72.6846, 78.0403

Monochromacy



Original Color

66.7127, 72.8495, 60.9973

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.3081, 71.7382, 71.2721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7127, 72.8495, 60.9973 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(223, 224, 193)` looks like.

```
.text, #text, p{  
    color:rgb(223, 224, 193)  
}
```

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(223, 224, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 224, 193) }
```

Border

The CSS property to change the border of an element to XYZ 66.7127, 72.8495, 60.9973 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(223, 224, 193) }
```


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

```
.border{ border-color:rgb(223, 224, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 224, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 224, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 224, 193);  
box-shadow:4px 4px 4px 4px rgb(223, 224,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7127, 72.8495, 60.9973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 224, 193) }
```

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

```
.background{ background-color: rgb(223,  
224, 193) }
```

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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