

Converting Colors

XYZ(62.9558, 74.2098, 66.2679)

Have a look what the booklet for
XYZ(62.9558, 74.2098, 66.2679)
contains.

XYZ(62.9524, 74.0724, 66.2378)	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(62.9524, 74.0724,
66.2378)**

Conversions

Conversions Part 1

Format	Color
Hex	C7E8C9
RGB	199, 232, 201
RGB Percent	78%, 91%, 79%
CMY	0.2196, 0.0902, 0.2118
CMYK	0.14, 0.00, 0.13, 0.09
HSL	124°, 42%, 85%
HSV	124°, 14%, 91%
XYZ	62.9524, 74.0724, 66.2378
YIQ	218.5990, -9.7170, -16.6370

Conversions

Conversions Part 2

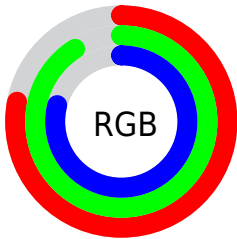
Format	Color
RYB	199, 230, 232
Decimal	13101257
CIELab	88.96, -16.56, 11.50
CIElCh	89, 20.158, 145.231
Yxy	74.0724, 0.3097, 0.3644
Android (android.graphics.Color)	4291291337 (0xFFC7E8C9)
YUV	218.5990, -8.6763, -17.1883
Hunter-Lab	86.0653, -20.0507, 14.6148

Details

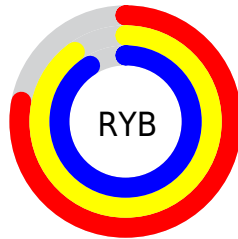
The XYZ color **62.9524, 74.0724, 66.2378** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.9877, 63.7175, 83.5817**, and the grayscale version is **67.1189, 70.6143, 76.8989**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4688, 39.1770, 33.4544** is the 20% darker color. If you saturate the color by 10%, you get **54.8752, 70.1861, 53.4131**, and if you desaturate by 10%, it is **72.3359, 78.5943, 81.0256**.

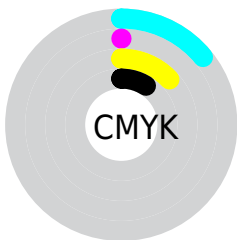
Distribution



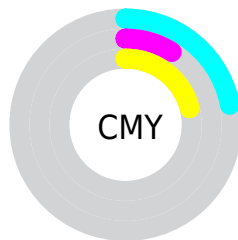
- Red (78%)
- Green (91%)
- Blue (79%)



- Red (78%)
- Yellow (90%)
- Blue (91%)



- Cyan (14%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (22%)
- Magenta (9%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9524, 74.0724, 66.2378 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 62.9524, 74.0724, 66.2378 by changing the saturation by 10% instead.

■ 62.9524, 74.0724,
66.2378

■ 62.9524, 74.0724,
66.2378

425.0591,
474.7232, 465.6543

■ 46.0612, 54.8533,
48.0078

108.1830,
124.9984, 115.4578

■ 32.4989, 39.2843,
33.4730

137.2532,
157.4742, 147.2849

■ 21.9003, 26.9810,
22.2150

171.1137,
195.1375, 184.4814

■ 13.8998, 17.5589,
13.8151

210.1299,
238.3730, 227.4659

■ 8.1323, 10.6338,
7.8549

254.6672,
287.5649, 276.6569

■ 4.2322, 5.8212,
3.9158

305.0910,

■ 1.8343, 2.7366,

343.0976, 332.4729

1.5793

361.7665,
405.3556, 395.3325

■ 0.5382, 0.9958,
0.2760

■ 0.0000, 0.0000,
0.0000

■ 62.9524, 74.0724,
66.2378

■ 62.9524, 74.0724,
66.2378

■ 54.8752, 70.1861,
53.4131

■ 72.3359, 78.5943,
81.0256

■ 48.0408, 66.8981,
42.4643

■ 83.0737, 83.7686,
97.8491

■ 42.3891, 64.1814,
33.3050

■ 88.1481, 86.1961,
106.5994

■ 37.8529, 62.0035,
25.8402

■ 34.3583, 60.3283,
19.9660

■ 31.8224, 59.1157,
15.5669

■ 30.1493, 58.3191,
12.5121

■ 29.2237, 57.8823,
10.6479

■ 28.9378, 57.7480,
10.0390

Harmonies

Analogous

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



66.4677, 74.0724, 58.6455



62.9524, 74.0724, 66.2378



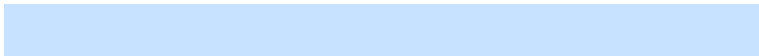
61.4355, 74.0724, 78.4321

Triad

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



62.9524, 74.0724, 66.2378



69.6240, 74.0724, 110.6031



79.2645, 74.0724, 69.7003

Complementary

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



62.9524, 74.0724, 66.2378



67.9877, 63.7175, 83.5817

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.



80.2046, 74.0724, 82.9139



62.9524, 74.0724, 66.2378



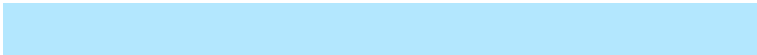
74.4918, 74.0724, 107.5726

Square

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



62.9524, 74.0724, 66.2378



65.1720, 74.0724, 104.8801



78.4207, 74.0724, 97.0195



75.9079, 74.0724, 60.4762

Rectangle

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



62.9524, 74.0724, 66.2378



61.7080, 74.0724, 87.9421



78.4207, 74.0724, 97.0195



79.8800, 74.0724, 73.7768

Sweetspot

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



62.9544, 74.0756, 66.2394



89.8918, 97.5147, 100.8058



71.9142, 78.7215, 65.4381



19.0394, 20.7753, 21.2606



0.0000, 0.0000, 0.0000



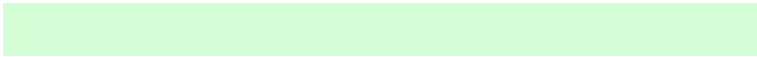
20.3446, 21.4041, 23.3091

Same Dimension

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



62.9544, 74.0756, 66.2394



74.9837, 90.3343, 77.2887



64.9559, 74.8762, 76.7793



14.2246, 16.1033, 15.4474



16.0794, 32.0639, 5.6526



1.2008, 2.3744, 0.4838

Inverse Universe

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



67.9877, 63.7175, 83.5817



82.3258, 75.2241, 102.5857



65.8229, 62.8516, 72.1823



14.9554, 14.5994, 17.9656



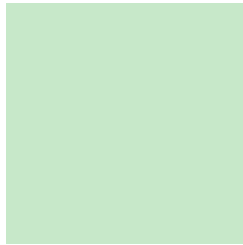
25.5131, 12.3395, 37.9267



1.8969, 0.9165, 2.8633

Previews

White Background



This preview shows how the XYZ color 62.9524, 74.0724, 66.2378 looks on a white background.

Color Contrast Check

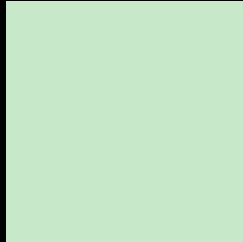
Large Text (above 18pt) WCAG AA × Fail

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 62.9524, 74.0724, 66.2378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

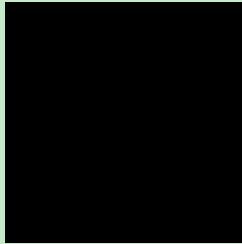
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

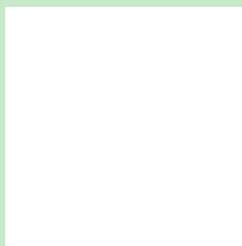
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.9524, 74.0724, 66.2378

Background



This preview shows how black text looks on a background with the XYZ color 62.9524, 74.0724, 66.2378.

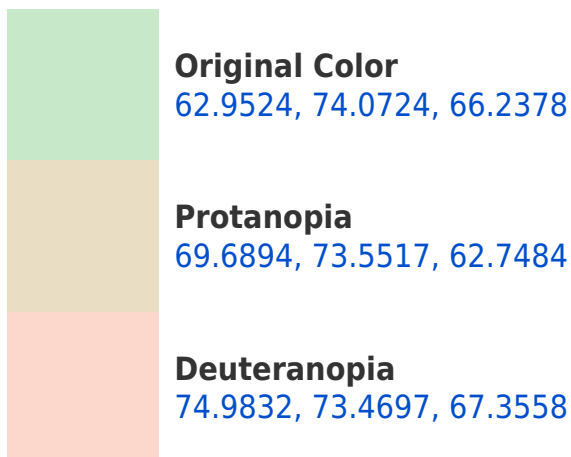


This preview shows how white text looks on a background with the XYZ color 62.9524, 74.0724,

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

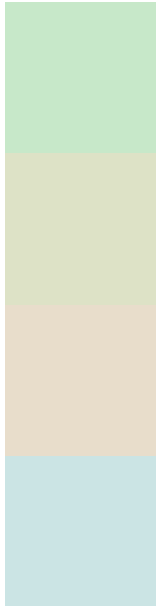




Tritanopia

68.9791, 74.0462, 96.2447

Trichromacy



Original Color

62.9524, 74.0724, 66.2378

Protanomaly

67.2082, 73.8421, 64.1368

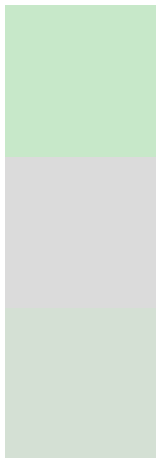
Deuteranomaly

69.9147, 73.1805, 66.9403

Tritanomaly

66.3756, 73.7848, 84.1423

Monochromacy



Original Color

62.9524, 74.0724, 66.2378

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

65.6907, 72.0618, 72.7344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9524, 74.0724, 66.2378 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(199, 232, 201)` looks like.

```
.text, #text, p{  
    color:rgb(199, 232, 201)  
}
```

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(199, 232, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 232, 201) }
```

Border

The CSS property to change the border of an element to XYZ 62.9524, 74.0724, 66.2378 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(199, 232, 201) }
```


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

```
.border{ border-color:rgb(199, 232, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 232, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 232, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 232, 201);  
box-shadow:4px 4px 4px 4px rgb(199, 232,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9524, 74.0724, 66.2378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 232, 201) }
```

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

```
.background{ background-color: rgb(199,  
232, 201) }
```

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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