

Converting Colors

XYZ(62.4728, 74.3630, 60.9300)

Have a look what the booklet for
XYZ(62.4728, 74.3630, 60.9300)
contains.

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Color

**XYZ(62.4728, 74.3630,
60.9300)**

Conversions

Conversions Part 1

Format	Color
Hex	C8E9C0
RGB	200, 233, 192
RGB Percent	78%, 91%, 75%
CMY	0.2157, 0.0863, 0.2471
CMYK	0.14, 0.00, 0.18, 0.09
HSL	108°, 48%, 83%
HSV	108°, 18%, 91%
XYZ	62.4728, 74.3630, 60.9300
YIQ	218.4590, -6.5070, -19.7470

Conversions

Conversions Part 2

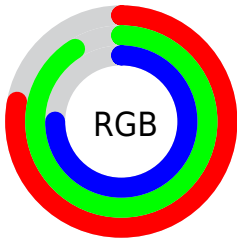
Format	Color
RYB	192, 233, 225
Decimal	13167040
CIELab	89.09, -18.26, 16.38
CIElCh	89, 24.533, 138.097
Yxy	74.3630, 0.3159, 0.3760
Android (android.graphics.Color)	4291357120 (0xFFC8E9C0)
YUV	218.4590, -13.0443, -16.1885
Hunter-Lab	86.2340, -21.5939, 18.4715

Details

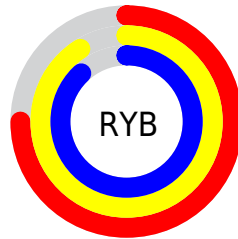
The XYZ color **62.4728, 74.3630, 60.9300** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.6120, 59.5921, 85.1917**, and the grayscale version is **67.0497, 70.5415, 76.8197**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **32.1636, 39.3903, 29.9526** is the 20% darker color. If you saturate the color by 10%, you get **55.3877, 70.9877, 48.1721**, and if you desaturate by 10%, it is **70.5851, 78.2249, 75.8726**.

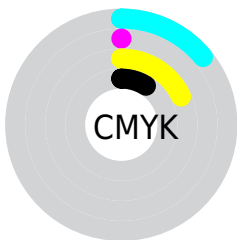
Distribution



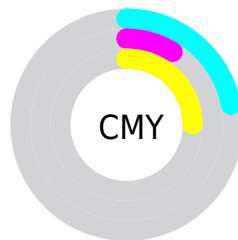
- Red (78%)
- Green (91%)
- Blue (75%)



- Red (75%)
- Yellow (91%)
- Blue (88%)



- Cyan (14%)
- Magenta (0%)
- Yellow (18%)
- Black (9%)





- Cyan (22%)
- Magenta (9%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4728, 74.3630, 60.9300 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 62.4728, 74.3630, 60.9300 by changing the saturation by 10% instead.


 62.4728, 74.3630,
60.9300

 62.4728, 74.3630,
60.9300

423.3438,
475.7253, 445.9167

 45.6719, 55.0912,
43.7385


 107.4947,
125.4103, 107.7341

 32.1905, 39.4747,
30.1293


136.4463,
157.9545, 138.1838

 21.6633, 27.1292,
19.6839


170.1789,
195.6917, 173.8900

 13.7249, 17.6703,
11.9837

209.0578,
239.0061, 215.2711

 8.0100, 10.7136,
6.6101

253.4484,
288.2824, 262.7459

 4.1532, 5.8746,
3.1448

303.7160,

 1.7892, 2.7690,

343.9047, 316.7327

1.1690

360.2260,
406.2575, 377.6501

0.5111, 1.0123,
0.0000

0.0000, 0.0000,
0.0000

62.4728, 74.3630,
60.9300

62.4728, 74.3630,
60.9300

55.3877, 70.9877,
48.1721

70.5851, 78.2249,
75.8726

49.2826, 68.0705,
37.4919

79.7577, 82.5819,
93.0904

44.1151, 65.5940,
28.7808

88.4304, 86.7608,
106.6935

39.8378, 63.5364,
21.9184

■ 36.3984, 61.8738,
16.7710

■ 33.7394, 60.5796,
13.1871

■ 31.7952, 59.6239,
10.9886

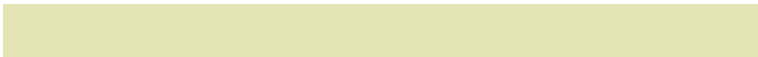
■ 30.4846, 58.9702,
9.9364

■ 30.2428, 58.8491,
9.7651

Harmonies

Analogous

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



67.1724, 74.3630, 53.5582



62.4728, 74.3630, 60.9300



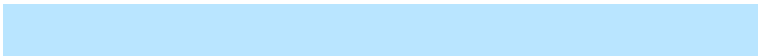
60.0282, 74.3630, 74.3729

Triad

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



62.4728, 74.3630, 60.9300



68.3376, 74.3630, 117.6011



82.1668, 74.3630, 71.1765

Complementary

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



62.4728, 74.3630, 60.9300



64.6120, 59.5921, 85.1917

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.



82.5224, 74.3630, 87.9433



62.4728, 74.3630, 60.9300



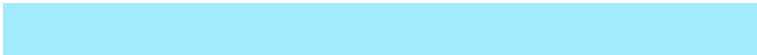
74.3072, 74.3630, 116.4255

Square

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



62.4728, 74.3630, 60.9300



63.2843, 74.3630, 107.9958



79.5758, 74.3630, 104.9797



78.6301, 74.3630, 58.8748

Rectangle

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



62.4728, 74.3630, 60.9300



59.9094, 74.3630, 85.6897



79.5758, 74.3630, 104.9797



82.6693, 74.3630, 76.4243

Sweetspot

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



62.4748, 74.3662, 60.9316



89.3892, 97.3111, 98.2730



69.9930, 74.8752, 60.6336



18.9684, 20.7504, 20.7271



0.0000, 0.0000, 0.0000



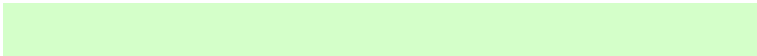
20.3446, 21.4041, 23.3091

Same Dimension

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



62.4748, 74.3662, 60.9316



73.4774, 89.7400, 68.9852



61.8146, 73.8617, 68.3162



15.1426, 17.0036, 16.0026



17.2381, 33.4311, 5.5443



1.4291, 2.6641, 0.4389

Inverse Universe

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



64.6120, 59.5921, 85.1917



76.5421, 68.5356, 103.8022



65.4678, 60.2293, 76.3751



15.4101, 15.1567, 19.0356



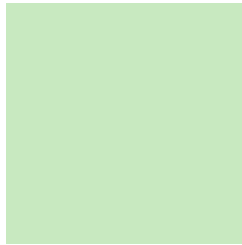
20.1516, 9.4244, 44.5000



1.6559, 0.7780, 3.4978

Previews

White Background



This preview shows how the XYZ color 62.4728, 74.3630, 60.9300 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 62.4728, 74.3630, 60.9300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

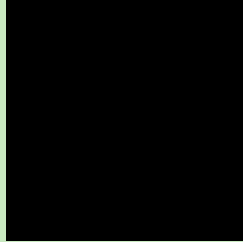
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4728, 74.3630, 60.9300

Background



This preview shows how black text looks on a background with the XYZ color 62.4728, 74.3630, 60.9300.



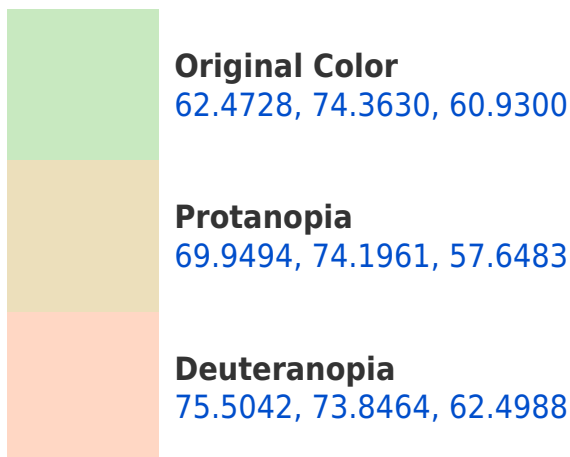
This preview shows how white text looks on a background with the XYZ color 62.4728, 74.3630, 60.9300.

60.9300.

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

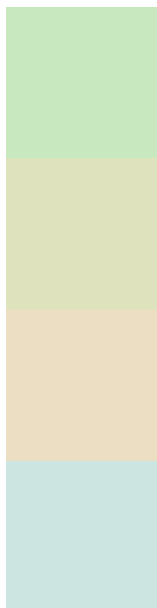




Tritanopia

69.5379, 74.3343, 96.2709

Trichromacy



Original Color

62.4728, 74.3630, 60.9300

Protanomaly

67.0858, 74.3003, 58.9497

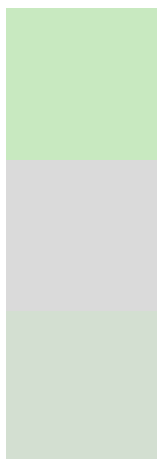
Deuteranomaly

70.2326, 73.8449, 62.1816

Tritanomaly

66.7868, 74.4540, 82.0852

Monochromacy



Original Color

62.4728, 74.3630, 60.9300

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

64.7603, 71.2277, 70.6567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4728, 74.3630, 60.9300 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(200, 233, 192)` looks like.

```
.text, #text, p{  
    color:rgb(200, 233, 192)  
}
```

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(200, 233, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 233, 192) }
```

Border

The CSS property to change the border of an element to XYZ 62.4728, 74.3630, 60.9300 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(200, 233, 192) }
```


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

```
.border{ border-color:rgb(200, 233, 192) }
```

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

Here you see how a box with a 4 pixel rgb(200, 233, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 233, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 233, 192);  
box-shadow:4px 4px 4px 4px rgb(200, 233,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4728, 74.3630, 60.9300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 233, 192) }
```

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

```
.background{ background-color: rgb(200,  
233, 192) }
```

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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