

Converting Colors

XYZ(62.4708, 74.2598, 77.5259)

Have a look what the booklet for
XYZ(62.4708, 74.2598, 77.5259)
contains.

XYZ(62.5712, 74.4724, 77.4064)	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(62.5712, 74.4724,
77.4064)**

Conversions

Conversions Part 1

Format	Color
Hex	BBEADA
RGB	187, 234, 218
RGB Percent	73%, 92%, 85%
CMY	0.2667, 0.0823, 0.1451
CMYK	0.20, 0.00, 0.07, 0.08
HSL	160°, 53%, 83%
HSV	160°, 20%, 92%
XYZ	62.5712, 74.4724, 77.4064
YIQ	218.1230, -22.8760, -14.9400

Conversions

Conversions Part 2

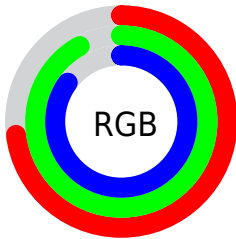
Format	Color
RYB	187, 215, 234
Decimal	12315354
CIELab	89.15, -18.25, 2.79
CIElCh	89, 18.464, 171.322
Yxy	74.4724, 0.2918, 0.3473
Android (android.graphics.Color)	4290505434 (0xFFBBEADA)
YUV	218.1230, -0.0606, -27.2949
Hunter-Lab	86.2974, -21.5964, 7.2267

Details

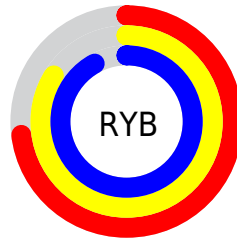
The XYZ color **62.5712, 74.4724, 77.4064** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.4841, 57.3467, 64.2789**, and the grayscale version is **66.7388, 70.2144, 76.4635**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **32.2041, 39.4717, 40.5718** is the 20% darker color. If you saturate the color by 10%, you get **56.2891, 71.3534, 71.8011**, and if you desaturate by 10%, it is **69.8405, 78.0985, 83.3227**.

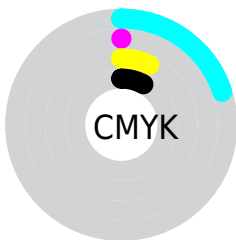
Distribution



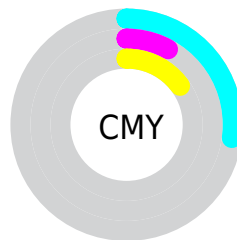
- Red (73%)
- Green (92%)
- Blue (85%)



- Red (73%)
- Yellow (84%)
- Blue (92%)



- Cyan (20%)
- Magenta (0%)
- Yellow (7%)
- Black (8%)





- Cyan (27%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5712, 74.4724, 77.4064 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 62.5712, 74.4724, 77.4064 by changing the saturation by 10% instead.


 62.5712, 74.4724,
77.4064

 62.5712, 74.4724,
77.4064


423.6960,
476.1022, 505.6230

 45.7517, 55.1808,
57.0729


 107.6359,
125.5652, 131.4912

 32.2538, 39.5465,
40.6540


136.6119,
158.1352, 166.0797

 21.7119, 27.1851,
27.7312


170.3708,
195.9001, 206.2569

 13.7608, 17.7123,
17.8859

209.2779,
239.2444, 252.4414

 8.0350, 10.7436,
10.6995

253.6987,
288.5523, 305.0517

 4.1694, 5.8947,
5.7535

303.9984,

 1.7984, 2.7812,

344.2083, 364.5064

2.6294

360.5424,
406.5968, 431.2239

■ 0.5167, 1.0186,
0.9076

■ 0.0000, 0.0000,
0.0000

■ 62.5712, 74.4724,
77.4064

■ 62.5712, 74.4724,
77.4064

■ 56.2891, 71.3534,
71.8011

■ 69.8405, 78.0985,
83.3227

■ 50.9420, 68.7088,
66.4961

■ 78.1333, 82.2443,
89.5505

■ 46.4824, 66.5161,
61.4869

■ 86.6767, 86.5134,
96.0587

■ 42.8561, 64.7473,
56.7672

■ 87.8992, 87.0024,
102.4964

■ 40.0025, 63.3715,
52.3303

■ 88.7142, 87.3284,
106.7881

■ 37.8526, 62.3531,
48.1690

■ 36.3243, 61.6498,
44.2754

■ 35.2847, 61.1926,
40.6690

Harmonies

Analogous

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



64.2424, 74.4724, 66.5681



62.5712, 74.4724, 77.4064



63.0265, 74.4724, 90.4346

Triad

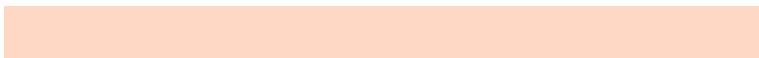
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.5712, 74.4724, 77.4064



73.9763, 74.4724, 106.4282



76.3293, 74.4724, 63.2423

Complementary

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



62.5712, 74.4724, 77.4064



62.4841, 57.3467, 64.2789

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.



79.1528, 74.4724, 72.4083



62.5712, 74.4724, 77.4064



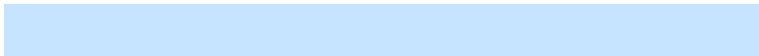
77.7548, 74.4724, 97.5787

Square

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



62.5712, 74.4724, 77.4064



69.4864, 74.4724, 108.1302



79.6853, 74.4724, 84.8841



72.0972, 74.4724, 58.9777

Rectangle

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



62.5712, 74.4724, 77.4064



64.4832, 74.4724, 98.5727



79.6853, 74.4724, 84.8841



77.4820, 74.4724, 65.8034

Sweetspot

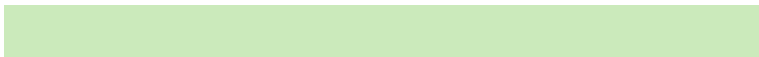
The Sweet Spot groups the original color and five complimentary colors.



62.5733, 74.4755, 77.4081



88.8159, 96.8818, 104.2895



63.1462, 75.1966, 58.2010



18.8710, 20.6671, 22.2166



0.0000, 0.0000, 0.0000



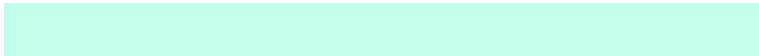
20.3446, 21.4041, 23.3091

Same Dimension

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



62.5733, 74.4755, 77.4081



72.8316, 88.9128, 91.2881



62.8026, 71.4191, 88.3208



15.2871, 17.0297, 18.1947



19.8884, 34.4098, 23.1749



1.6064, 2.7199, 2.0553

Inverse Universe

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



62.4841, 57.3467, 64.2789



72.7064, 64.6423, 72.6908



62.2066, 59.6881, 55.2571



15.2771, 15.1387, 16.7445



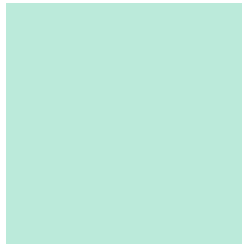
19.9275, 10.1737, 5.4196



1.6084, 0.8163, 0.6551

Previews

White Background



This preview shows how the XYZ color 62.5712, 74.4724, 77.4064 looks on a white background.

Color Contrast Check

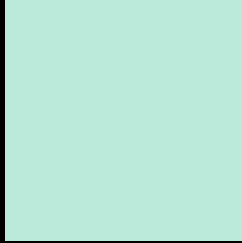
Large Text (above 18pt) WCAG AA × Fail

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 62.5712, 74.4724, 77.4064 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

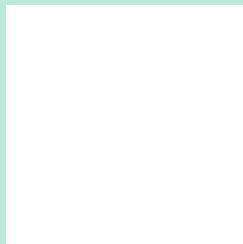
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5712, 74.4724, 77.4064

Background



This preview shows how black text looks on a background with the XYZ color 62.5712, 74.4724, 77.4064.

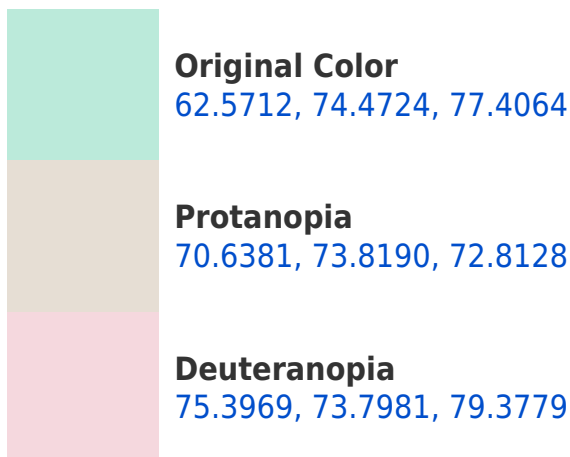


This preview shows how white text looks on a background with the XYZ color 62.5712, 74.4724,

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

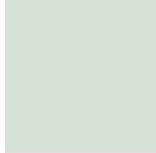
67.2324, 74.7084, 99.6836

Trichromacy



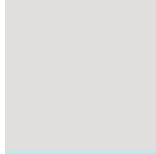
Original Color

62.5712, 74.4724, 77.4064



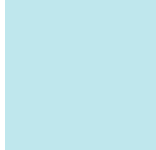
Protanomaly

67.0655, 73.5439, 74.2790



Deuteranomaly

70.1793, 73.8431, 78.9609



Tritanomaly

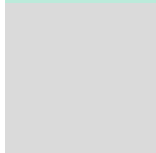
65.3478, 74.3426, 91.0261

Monochromacy



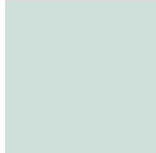
Original Color

62.5712, 74.4724, 77.4064



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

65.0427, 71.6387, 76.7292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5712, 74.4724, 77.4064 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(187, 234, 218)` looks like.

```
.text, #text, p{  
    color:rgb(187, 234, 218)  
}
```

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(187, 234, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 234, 218) }
```

Border

The CSS property to change the border of an element to XYZ 62.5712, 74.4724, 77.4064 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(187, 234, 218) }
```


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

```
.border{ border-color:rgb(187, 234, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 234, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 234, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 234, 218);  
box-shadow:4px 4px 4px 4px rgb(187, 234,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5712, 74.4724, 77.4064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 234, 218) }
```

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

```
.background{ background-color: rgb(187,  
234, 218) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor