

Converting Colors

XYZ(62.1173, 72.8459, 73.7502)

Have a look what the booklet for
XYZ(62.1173, 72.8459, 73.7502)
contains.

XYZ(62.3244, 73.1624, 73.7877)	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(62.3244, 73.1624,
73.7877)**

Conversions

Conversions Part 1

Format	Color
Hex	C0E7D5
RGB	192, 231, 213
RGB Percent	75%, 91%, 84%
CMY	0.2471, 0.0941, 0.1647
CMYK	0.17, 0.00, 0.08, 0.09
HSL	152°, 45%, 83%
HSV	152°, 17%, 91%
XYZ	62.3244, 73.1624, 73.7877
YIQ	217.2870, -17.4660, -13.8660

Conversions

Conversions Part 2

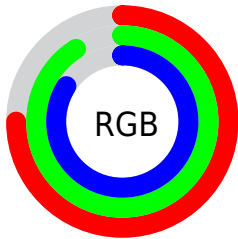
Format	Color
RYB	192, 217, 231
Decimal	12642261
CIELab	88.53, -16.15, 4.54
CIELCh	89, 16.779, 164.291
Yxy	73.1624, 0.2978, 0.3496
Android (android.graphics.Color)	4290832341 (0xFFC0E7D5)
YUV	217.2870, -2.1135, -22.1767
Hunter-Lab	85.5350, -19.6237, 8.7274

Details

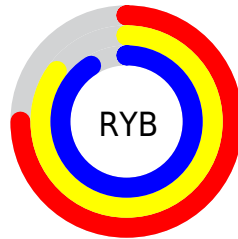
The XYZ color **62.3244, 73.1624, 73.7877** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.4401, 59.3432, 69.0868**, and the grayscale version is **66.1745, 69.6207, 75.8169**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **31.9828, 38.5318, 38.0995** is the 20% darker color. If you saturate the color by 10%, you get **55.6192, 69.8590, 66.6404**, and if you desaturate by 10%, it is **70.0408, 76.9808, 81.4499**.

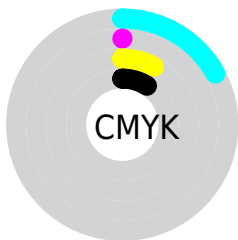
Distribution



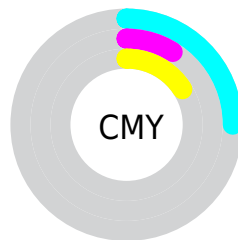
- Red (75%)
- Green (91%)
- Blue (84%)



- Red (75%)
- Yellow (85%)
- Blue (91%)



- Cyan (17%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)





- Cyan (25%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3244, 73.1624, 73.7877 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 62.3244, 73.1624, 73.7877 by changing the saturation by 10% instead.


 62.3244, 73.1624,
73.7877

 62.3244, 73.1624,
73.7877


422.8121,
471.5775, 492.8841

 45.5515, 54.1088,
54.1246


 107.2815,
123.7077, 126.3261

 32.0951, 38.6886,
38.3074


136.1965,
155.9682, 160.0384

 21.5901, 26.5176,
25.9177


169.8894,
193.3998, 199.2708

 13.6709, 17.2112,
16.5369

208.7257,
236.3868, 244.4420

 7.9723, 10.3852,
9.7464

253.0708,
285.3137, 295.9703

 4.1289, 5.6551,
5.1277

303.2900,

 1.7753, 2.6365,

340.5648, 354.2744

2.2624

359.7487,
402.5246, 419.7729

■ 0.5027, 0.9451,
0.7100

■ 0.0000, 0.0000,
0.0000

■ 62.3244, 73.1624,
73.7877

■ 62.3244, 73.1624,
73.7877

■ 55.6192, 69.8590,
66.6404

■ 70.0408, 76.9808,
81.4499

■ 49.8745, 67.0388,
59.9923

■ 78.8037, 81.3262,
89.6328

■ 45.0447, 64.6802,
53.8336

■ 86.2972, 85.0065,
98.2379

■ 41.0776, 62.7567,
48.1525

■ 87.8673, 85.6346,
106.5058

■ 37.9155, 61.2388,
42.9365

■ 35.4933, 60.0930,
38.1726

■ 33.7352, 59.2806,
33.8467

■ 32.5439, 58.7516,
29.9434

■ 32.2393, 58.6194,
28.8094

Harmonies

Analogous

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



64.2531, 73.1624, 64.7722



62.3244, 73.1624, 73.7877



62.2782, 73.1624, 85.2814

Triad

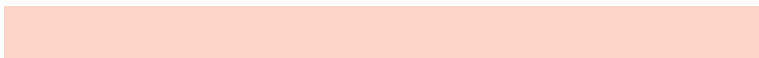
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.3244, 73.1624, 73.7877



71.4743, 73.1624, 103.2277



75.2495, 73.1624, 65.1117

Complementary

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



62.3244, 73.1624, 73.7877



63.4401, 59.3432, 69.0868

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.



77.3426, 73.1624, 74.2940



62.3244, 73.1624, 73.7877



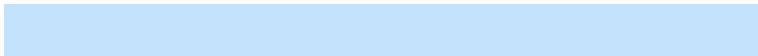
75.1064, 73.1624, 96.6736

Square

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



62.3244, 73.1624, 73.7877



67.4563, 73.1624, 103.0585



77.2892, 73.1624, 85.8389



71.6635, 73.1624, 60.1040

Rectangle

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



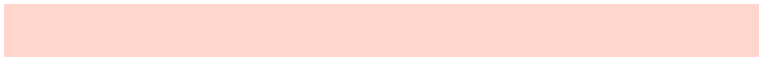
62.3244, 73.1624, 73.7877



63.3152, 73.1624, 92.8668



77.2892, 73.1624, 85.8389



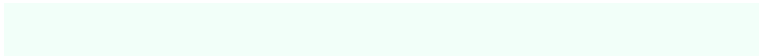
76.1571, 73.1624, 67.7713

Sweetspot

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



62.3264, 73.1655, 73.7893



89.5806, 97.2882, 103.7735



64.7282, 74.6919, 60.8757



19.0152, 20.7450, 22.0604



0.0000, 0.0000, 0.0000



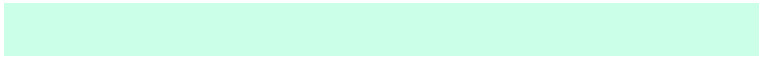
20.3446, 21.4041, 23.3091

Same Dimension

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



62.3264, 73.1655, 73.7893



75.1506, 90.1529, 89.3822



64.3779, 73.4060, 86.3806



14.5122, 16.2183, 16.9618



18.1363, 32.8866, 16.4841



1.3870, 2.4489, 1.4646

Inverse Universe

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



63.4401, 59.3432, 69.0868



76.7728, 70.0217, 82.5342



61.6080, 59.0692, 58.0247



14.6524, 14.4781, 16.3697



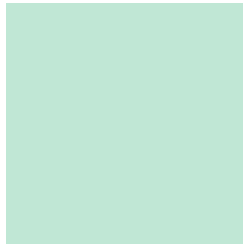
20.0130, 10.1394, 8.9635



1.5254, 0.7679, 0.9071

Previews

White Background



This preview shows how the XYZ color 62.3244, 73.1624, 73.7877 looks on a white background.

Color Contrast Check

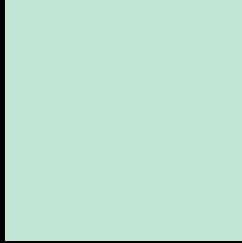
Large Text (above 18pt) WCAG AA × Fail

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 62.3244, 73.1624, 73.7877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

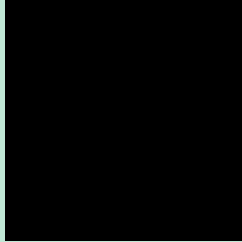
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

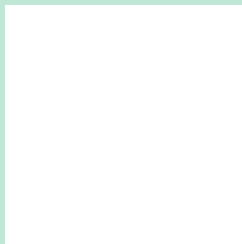
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.3244, 73.1624, 73.7877

Background



This preview shows how black text looks on a background with the XYZ color 62.3244, 73.1624, 73.7877.



This preview shows how white text looks on a background with the XYZ color 62.3244, 73.1624,

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

62.3244, 73.1624, 73.7877

Protanopia

69.4320, 72.8759, 69.4385

Deuteranopia

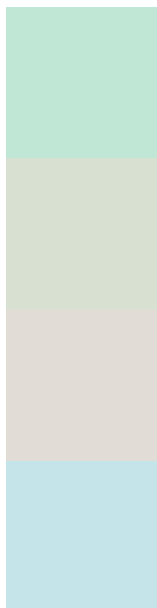
74.0974, 72.4635, 75.0472



Tritanopia

66.8142, 72.9301, 96.1434

Trichromacy



Original Color

62.3244, 73.1624, 73.7877

Protanomaly

66.7527, 73.0528, 70.9040

Deuteranomaly

69.2230, 72.2614, 74.5894

Tritanomaly

65.2163, 73.1058, 87.7643

Monochromacy



Original Color

62.3244, 73.1624, 73.7877

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.5284, 70.6103, 75.1939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3244, 73.1624, 73.7877 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(192, 231, 213)` looks like.

```
.text, #text, p{  
    color:rgb(192, 231, 213)  
}
```

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(192, 231, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 231, 213) }
```

Border

The CSS property to change the border of an element to XYZ 62.3244, 73.1624, 73.7877 is called "border". The border property can be set on classes, ids or directly on the HTML element.

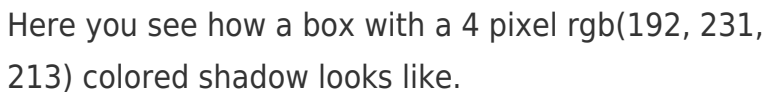
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 231, 213) }
```


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

```
.border{ border-color:rgb(192, 231, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 231, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 231, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 231, 213); box-shadow:4px 4px 4px 4px rgb(192, 231, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3244, 73.1624, 73.7877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 231, 213) }
```

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

```
.background{ background-color: rgb(192,  
231, 213) }
```

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