

Converting Colors

XYZ(62.8574, 75.2273, 72.5811)

Have a look what the booklet for
XYZ(62.8574, 75.2273, 72.5811)
contains.

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Color

**XYZ(62.9521, 75.1962,
72.8244)**

Conversions

Conversions Part 1

Format	Color
Hex	BFEBD3
RGB	191, 235, 211
RGB Percent	75%, 92%, 83%
CMY	0.2510, 0.0784, 0.1725
CMYK	0.19, 0.00, 0.10, 0.08
HSL	147°, 52%, 84%
HSV	147°, 19%, 92%
XYZ	62.9521, 75.1962, 72.8244
YIQ	219.1080, -18.5200, -16.7920

Conversions

Conversions Part 2

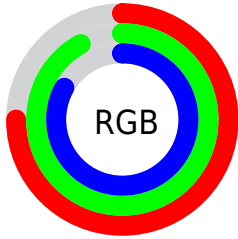
Format	Color
RYB	191, 221, 235
Decimal	12577747
CIELab	89.48, -18.84, 6.97
CIELCh	89, 20.082, 159.706
Yxy	75.1962, 0.2984, 0.3564
Android (android.graphics.Color)	4290767827 (0xFFBFEBD3)
YUV	219.1080, -3.9972, -24.6507
Hunter-Lab	86.7157, -22.1688, 10.9089

Details

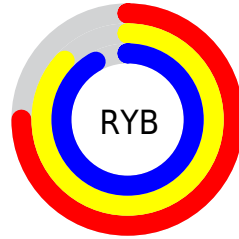
The XYZ color **62.9521, 75.1962, 72.8244** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.1602, 59.8320, 72.4078**, and the grayscale version is **67.4447, 70.9571, 77.2722**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **32.4374, 39.9589, 37.4557** is the 20% darker color. If you saturate the color by 10%, you get **55.9664, 71.7754, 64.4408**, and if you desaturate by 10%, it is **71.0185, 79.1635, 81.9308**.

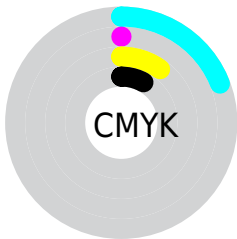
Distribution



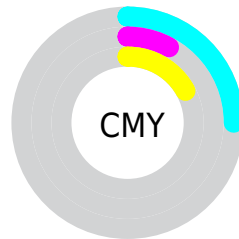
- Red (75%)
- Green (92%)
- Blue (83%)



- Red (75%)
- Yellow (87%)
- Blue (92%)



- Cyan (19%)
- Magenta (0%)
- Yellow (10%)
- Black (8%)





- Cyan (25%)
- Magenta (8%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.9521, 75.1962, 72.8244 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 62.9521, 75.1962, 72.8244 by changing the saturation by 10% instead.


 62.9521, 75.1962,
72.8244

 62.9521, 75.1962,
72.8244


425.0581,
478.5917, 489.4604

 46.0610, 55.7736,
53.3414


 108.1826,
126.5901, 124.9465

 32.4988, 40.0215,
37.6858


137.2527,
159.3301, 158.4227

 21.9001, 27.5553,
25.4390


171.1131,
197.2782, 197.4004

 13.8997, 17.9907,
16.1824

210.1293,
240.8186, 242.2982

 8.1322, 10.9433,
9.4976

254.6665,
290.3357, 293.5345

 4.2322, 6.0287,
4.9659

305.0901,

 1.8343, 2.8626,

346.2140, 351.5280

2.1689

361.7655,
408.8379, 416.6971

■ 0.5382, 1.0604,
0.6563

■ 0.0000, 0.0000,
0.0000

■ 62.9521, 75.1962,
72.8244

■ 62.9521, 75.1962,
72.8244

■ 55.9664, 71.7754,
64.4408

■ 71.0185, 79.1635,
81.9308

■ 50.0069, 68.8670,
56.7573

■ 80.2042, 83.6906,
91.7722

■ 45.0238, 66.4479,
49.7569

■ 88.1204, 87.5478,
102.2528

■ 40.9606, 64.4893,
43.4204

■ 88.9997, 87.8995,
106.8832

■ 37.7544, 62.9592,
37.7273

■ 35.3342, 61.8212,
32.6562

■ 33.6162, 61.0328,
28.1838

■ 32.4779, 60.5311,
24.2845

■ 32.3537, 60.4771,
23.8262

Harmonies

Analogous

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



65.5907, 75.1962, 62.7320



62.9521, 75.1962, 72.8244



62.5374, 75.1962, 86.5341

Triad

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



62.9521, 75.1962, 72.8244



73.0803, 75.1962, 111.6255



79.0080, 75.1962, 65.7423

Complementary

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



62.9521, 75.1962, 72.8244



65.1602, 59.8320, 72.4078

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.



81.2189, 75.1962, 77.3879



62.9521, 75.1962, 72.8244



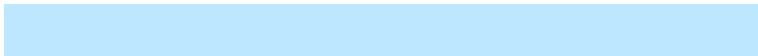
77.6942, 75.1962, 104.5650

Square

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



62.9521, 75.1962, 72.8244



68.2371, 75.1962, 110.0403



80.7273, 75.1962, 91.6479



74.8070, 75.1962, 58.9807

Rectangle

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



62.9521, 75.1962, 72.8244



63.5575, 75.1962, 96.0653



80.7273, 75.1962, 91.6479



80.0172, 75.1962, 69.1574

Sweetspot

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



62.9542, 75.1994, 72.8261



88.3286, 96.6869, 101.7230



67.1981, 77.6591, 60.7393



18.7558, 20.6210, 21.6099



0.0000, 0.0000, 0.0000



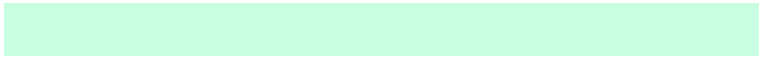
20.3446, 21.4041, 23.3091

Same Dimension

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



62.9542, 75.1994, 72.8261



72.7953, 89.0519, 84.1564



65.8762, 76.3682, 88.2132



15.1530, 16.9760, 17.4885



18.0681, 33.6817, 13.5894



1.4667, 2.6640, 1.3197

Inverse Universe

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



65.1602, 59.8320, 72.4078



75.8535, 67.7461, 83.5751



62.5420, 58.7847, 58.6206



15.4092, 15.1915, 17.4402



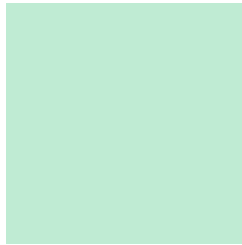
21.3085, 10.7261, 12.6918



1.7217, 0.8616, 1.2517

Previews

White Background



This preview shows how the XYZ color 62.9521, 75.1962, 72.8244 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 62.9521, 75.1962, 72.8244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

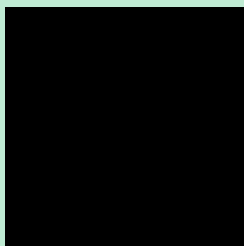
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

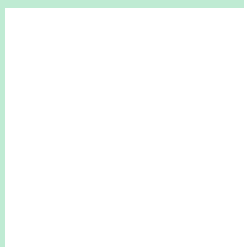
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.9521, 75.1962, 72.8244

Background



This preview shows how black text looks on a background with the XYZ color 62.9521, 75.1962, 72.8244.



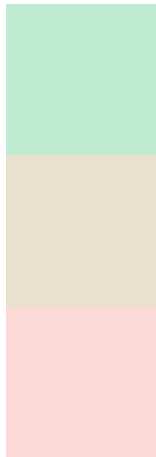
This preview shows how white text looks on a background with the XYZ color 62.9521, 75.1962,

72.8244.

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

62.9521, 75.1962, 72.8244

Protanopia

71.2794, 75.0427, 68.4855

Deuteranopia

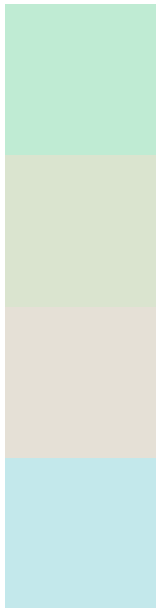
76.5029, 74.8560, 74.7065



Tritanopia

68.5288, 75.3767, 99.7442

Trichromacy



Original Color

62.9521, 75.1962, 72.8244

Protanomaly

67.9193, 74.8972, 69.9084

Deuteranomaly

71.1064, 74.8244, 74.3132

Tritanomaly

66.3577, 75.3135, 89.6368

Monochromacy



Original Color

62.9521, 75.1962, 72.8244

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

65.6144, 72.3636, 75.4751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9521, 75.1962, 72.8244 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(191, 235, 211)` looks like.

```
.text, #text, p{  
    color:rgb(191, 235, 211)  
}
```

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(191, 235, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 235, 211) }
```

Border

The CSS property to change the border of an element to XYZ 62.9521, 75.1962, 72.8244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

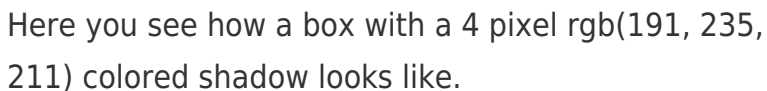
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 235, 211) }
```


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

```
.border{ border-color:rgb(191, 235, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 235, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 235, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 235, 211); box-shadow:4px 4px 4px 4px rgb(191, 235, 211) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9521, 75.1962, 72.8244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 235, 211) }
```

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

```
.background{ background-color: rgb(191,  
235, 211) }
```

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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