

Converting Colors

XYZ(62.3019, 73.5490, 75.0829)

Have a look what the booklet for
XYZ(62.3019, 73.5490, 75.0829)
contains.

XYZ(62.3576, 73.5667, 75.2032)	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(62.3576, 73.5667,
75.2032)**

Conversions

Conversions Part 1

Format	Color
Hex	BEE8D7
RGB	190, 232, 215
RGB Percent	75%, 91%, 84%
CMY	0.2549, 0.0902, 0.1569
CMYK	0.18, 0.00, 0.07, 0.09
HSL	156°, 48%, 83%
HSV	156°, 18%, 91%
XYZ	62.3576, 73.5667, 75.2032
YIQ	217.5040, -19.5750, -14.1910

Conversions

Conversions Part 2

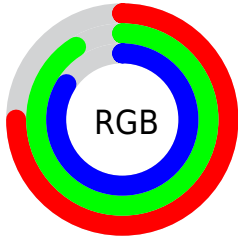
Format	Color
RYB	190, 216, 232
Decimal	12511447
CIELab	88.72, -16.90, 3.76
CIELCh	89, 17.316, 167.466
Yxy	73.5667, 0.2954, 0.3484
Android (android.graphics.Color)	4290701527 (0xFFBEE8D7)
YUV	217.5040, -1.2345, -24.1210
Hunter-Lab	85.7710, -20.3255, 8.0548

Details

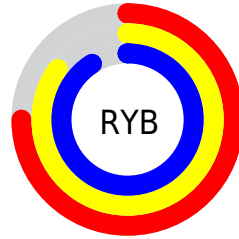
The XYZ color **62.3576, 73.5667, 75.2032** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.9573, 58.4897, 67.0062**, and the grayscale version is **66.3188, 69.7725, 75.9822**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **32.0238, 38.8230, 39.0635** is the 20% darker color. If you saturate the color by 10%, you get **55.8457, 70.3472, 68.7794**, and if you desaturate by 10%, it is **69.8653, 77.2956, 82.0384**.

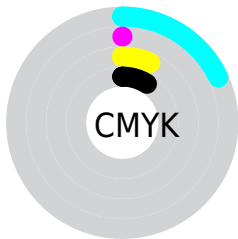
Distribution



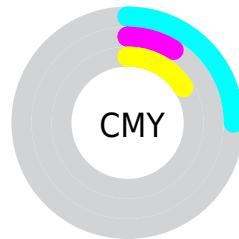
- Red (75%)
- Green (91%)
- Blue (84%)



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



- Cyan (18%)
- Magenta (0%)
- Yellow (7%)
- Black (9%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3576, 73.5667, 75.2032 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 62.3576, 73.5667, 75.2032 by changing the saturation by 10% instead.

62.3576, 73.5667,
75.2032

62.3576, 73.5667,
75.2032

422.9311,
472.9766, 497.8897

45.5784, 54.4395,
55.2766

107.3292,
124.2814, 128.3497

32.1165, 38.9531,
39.2232

136.2524,
156.6376, 162.4067

21.6065, 26.7233,
26.6242

169.9542,
194.1723, 202.0110

13.6830, 17.3655,
17.0613

208.8001,
237.2699, 247.5810

7.9807, 10.4954,
10.1158

253.1553,
286.3147, 299.5354

4.1343, 5.7287,
5.3692

303.3854,

1.7784, 2.6808,

341.6911, 358.2926

2.4030

359.8555,
403.7836, 424.2712

■ 0.5046, 0.9675,
0.7881

■ 0.0000, 0.0000,
0.0000

■ 62.3576, 73.5667,
75.2032

■ 62.3576, 73.5667,
75.2032

■ 55.8457, 70.3472,
68.7794

■ 69.8653, 77.2956,
82.0384

■ 50.2787, 67.6049,
62.7540

■ 78.4045, 81.5461,
89.2879

■ 45.6105, 65.3182,
57.1201

■ 86.3024, 85.4577,
96.8806

■ 41.7883, 63.4601,
51.8690

■ 87.7590, 86.0404,
104.5508

■ 38.7539, 62.0006,
46.9915

■ 88.1480, 86.1960,
106.5993

■ 36.4409, 60.9057,
42.4777

■ 34.7715, 60.1355,
38.3171

■ 33.6369, 59.6339,
34.4974

■ 33.4518, 59.5535,
33.8098

Harmonies

Analogous

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



64.1589, 73.5667, 65.5090



62.3576, 73.5667, 75.2032



62.5238, 73.5667, 87.2203

Triad

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



62.3576, 73.5667, 75.2032



72.3663, 73.5667, 104.1597



75.5057, 73.5667, 64.2902

Complementary

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



62.3576, 73.5667, 75.2032



62.9573, 58.4897, 67.0062

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.



77.8839, 73.5667, 73.3812



62.3576, 73.5667, 75.2032



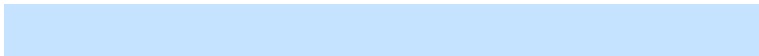
76.0223, 73.5667, 96.7147

Square

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



62.3576, 73.5667, 75.2032



68.1910, 73.5667, 104.7724



78.0767, 73.5667, 85.2083



71.6840, 73.5667, 59.6437

Rectangle

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



62.3576, 73.5667, 75.2032



63.7279, 73.5667, 94.9553



78.0767, 73.5667, 85.2083



76.5070, 73.5667, 66.8838

Sweetspot

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



62.3597, 73.5698, 75.2048



89.6939, 97.3335, 104.3698



64.0254, 74.7718, 59.7743



19.0427, 20.7560, 22.2054



0.0000, 0.0000, 0.0000



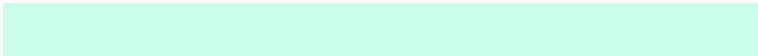
20.3446, 21.4041, 23.3091

Same Dimension

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



62.3597, 73.5698, 75.2048



73.8934, 89.4911, 89.9392



63.6843, 72.5388, 86.9924



14.5476, 16.2325, 17.1482



18.6342, 33.0858, 19.1057



1.4227, 2.4632, 1.6526

Inverse Universe

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



62.9573, 58.4897, 67.0062



74.7730, 67.3139, 77.8853



61.7560, 59.2368, 56.8953



14.6176, 14.4642, 16.1865



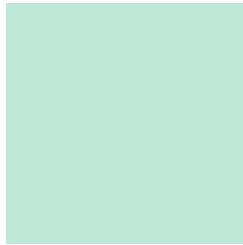
19.6532, 9.9955, 7.0687



1.4973, 0.7566, 0.7595

Previews

White Background



This preview shows how the XYZ color 62.3576, 73.5667, 75.2032 looks on a white background.

Color Contrast Check

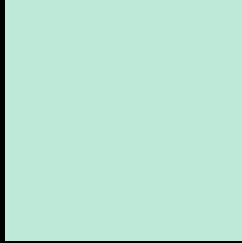
Large Text (above 18pt) WCAG AA × Fail

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 62.3576, 73.5667, 75.2032 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

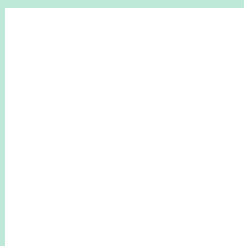
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.3576, 73.5667, 75.2032

Background



This preview shows how black text looks on a background with the XYZ color 62.3576, 73.5667, 75.2032.

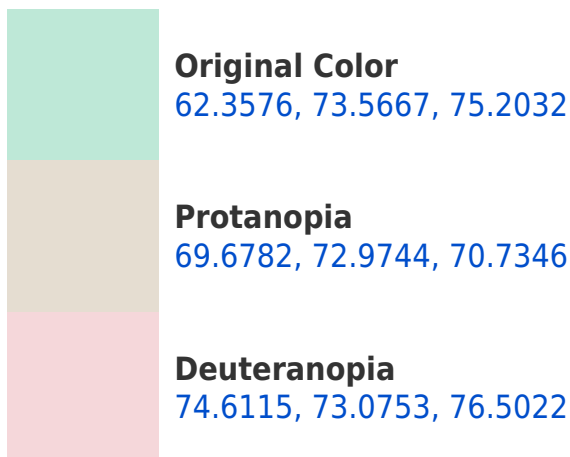


This preview shows how white text looks on a background with the XYZ color 62.3576, 73.5667,

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

66.8686, 73.3278, 97.8181

Trichromacy



Original Color

62.3576, 73.5667, 75.2032

Protanomaly

66.7074, 73.0006, 72.2027

Deuteranomaly

69.4322, 72.7302, 76.0245

Tritanomaly

65.2628, 73.5061, 89.3456

Monochromacy



Original Color

62.3576, 73.5667, 75.2032

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

64.9245, 71.1950, 75.9658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3576, 73.5667, 75.2032 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(190, 232, 215)` looks like.

```
.text, #text, p{  
    color:rgb(190, 232, 215)  
}
```

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(190, 232, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 232, 215) }
```

Border

The CSS property to change the border of an element to XYZ 62.3576, 73.5667, 75.2032 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(190, 232, 215) }
```


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

```
.border{ border-color:rgb(190, 232, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 232, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 232, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 232, 215);  
box-shadow:4px 4px 4px 4px rgb(190, 232,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3576, 73.5667, 75.2032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 232, 215) }
```

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

```
.background{ background-color: rgb(190,  
232, 215) }
```

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