

Converting Colors

XYZ(62.2726, 73.5821, 78.3415)

Have a look what the booklet for
XYZ(62.2726, 73.5821, 78.3415)
contains.

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Color

**XYZ(62.2684, 73.4453,
78.6046)**

Conversions

Conversions Part 1

Format	Color
Hex	BBE8DC
RGB	187, 232, 220
RGB Percent	73%, 91%, 86%
CMY	0.2667, 0.0902, 0.1372
CMYK	0.19, 0.00, 0.05, 0.09
HSL	164°, 49%, 82%
HSV	164°, 19%, 91%
XYZ	62.2684, 73.4453, 78.6046
YIQ	217.1770, -22.9680, -13.2720

Conversions

Conversions Part 2

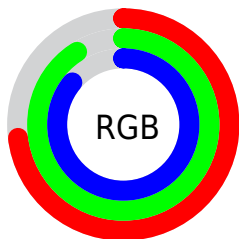
Format	Color
RYB	187, 213, 232
Decimal	12314844
CIELab	88.66, -16.86, 1.03
CIELCh	89, 16.894, 176.496
Yxy	73.4453, 0.2905, 0.3427
Android (android.graphics.Color)	4290504924 (0xFFBBE8DC)
YUV	217.1770, 1.3917, -26.4652
Hunter-Lab	85.7002, -20.2802, 5.6091

Details

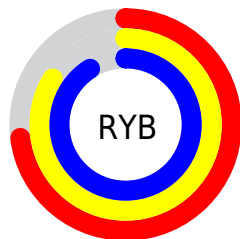
The XYZ color **62.2684, 73.4453, 78.6046** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.3604, 56.8219, 61.7697**, and the grayscale version is **66.0784, 69.5196, 75.7069**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **31.9897, 38.7538, 41.3915** is the 20% darker color. If you saturate the color by 10%, you get **56.2407, 70.4328, 74.1243**, and if you desaturate by 10%, it is **69.2475, 76.9487, 83.2909**.

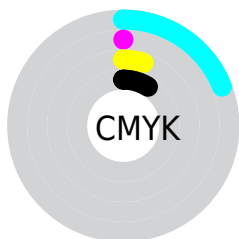
Distribution



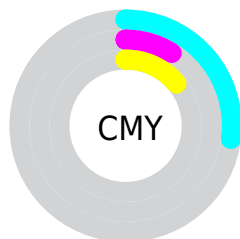
- Red (73%)
- Green (91%)
- Blue (86%)



- Red (73%)
- Yellow (84%)
- Blue (91%)



- Cyan (19%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)





- Cyan (27%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2684, 73.4453, 78.6046 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 62.2684, 73.4453, 78.6046 by changing the saturation by 10% instead.


 62.2684, 73.4453,
78.6046

 62.2684, 73.4453,
78.6046


422.6114,
472.5567, 509.7999

 45.5060, 54.3402,
58.0514


 107.2011,
124.1092, 133.1957

 32.0592, 38.8737,
41.4350


136.1021,
156.4367, 168.0706

 21.5625, 26.6615,
28.3369


169.7801,
193.9404, 208.5566

 13.6506, 17.3191,
18.3385

208.6004,
237.0048, 255.0720

 7.9581, 10.4623,
11.0213

252.9283,
286.0143, 308.0355

 4.1197, 5.7065,
5.9668

303.1292,

 1.7701, 2.6675,

341.3531, 367.8657

2.7565

359.5685,
403.4058, 434.9809

■ 0.4995, 0.9607,
0.9717

■ 0.0000, 0.0000,
0.0000

■ 62.2684, 73.4453,
78.6046

■ 62.2684, 73.4453,
78.6046

■ 56.2407, 70.4328,
74.1243

■ 69.2475, 76.9487,
83.2909

■ 51.1139, 67.8794,
69.8413

■ 77.2132, 80.9551,
88.1819

■ 46.8422, 65.7633,
65.7534

■ 85.6138, 85.1822,
93.2549

■ 43.3732, 64.0576,
61.8562

■ 86.5418, 85.5534,
98.1414

■ 40.6485, 62.7323,
58.1453

■ 87.5013, 85.9372,
103.1944

■ 38.6015, 61.7530,
54.6158

■ 88.1479, 86.1959,
106.5993

■ 37.1535, 61.0793,
51.2621

■ 36.1783, 60.6460,
48.0765

■ 36.1254, 60.6229,
47.8894

Harmonies

Analogous

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



63.4699, 73.4453, 68.2008



62.2684, 73.4453, 78.6046



63.0212, 73.4453, 90.4146

Triad

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



62.2684, 73.4453, 78.6046



73.3653, 73.4453, 101.8027



74.2268, 73.4453, 62.6643

Complementary

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



62.2684, 73.4453, 78.6046



61.3604, 56.8219, 61.7697

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.



77.0644, 73.4453, 70.3614



62.2684, 73.4453, 78.6046



76.5536, 73.4453, 93.0196

Square

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



62.2684, 73.4453, 78.6046



69.3293, 73.4453, 104.5489



77.9319, 73.4453, 81.3500



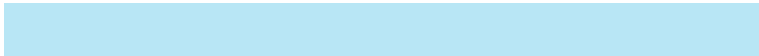
70.2880, 73.4453, 59.5801

Rectangle

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



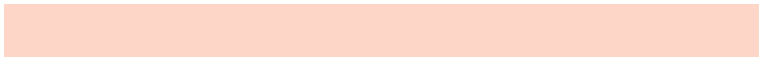
62.2684, 73.4453, 78.6046



64.5466, 73.4453, 97.3925



77.9319, 73.4453, 81.3500



75.3469, 73.4453, 64.7590

Sweetspot

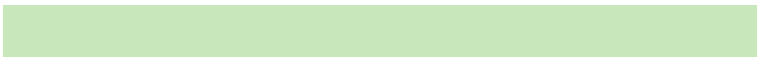
The Sweet Spot groups the original color and five complimentary colors.



62.2705, 73.4483, 78.6062



88.9933, 96.9527, 105.2233



61.5813, 73.5492, 57.9657



18.9130, 20.6839, 22.4377



0.0000, 0.0000, 0.0000



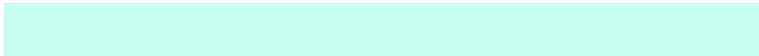
20.3446, 21.4041, 23.3091

Same Dimension

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



62.2705, 73.4483, 78.6062



74.2489, 89.5559, 95.3108



61.2491, 68.7692, 86.3931



14.6347, 16.2673, 17.6073



20.1094, 33.6759, 26.8741



1.5240, 2.5037, 2.1861

Inverse Universe

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



61.3604, 56.8219, 61.7697



72.9418, 65.6511, 71.1103



62.1603, 60.5648, 55.4289



14.5341, 14.4308, 15.7468



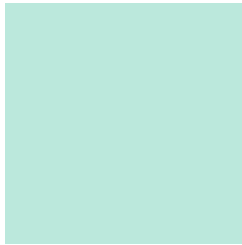
19.0005, 9.7344, 3.6317



1.4418, 0.7344, 0.4672

Previews

White Background



This preview shows how the XYZ color 62.2684, 73.4453, 78.6046 looks on a white background.

Color Contrast Check

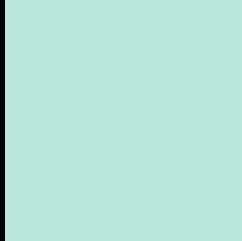
Large Text (above 18pt) WCAG AA × Fail

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 62.2684, 73.4453, 78.6046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

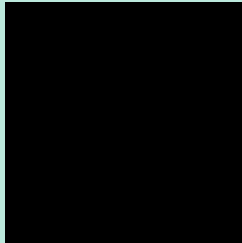
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

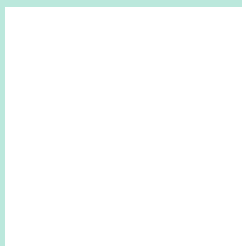
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.2684, 73.4453, 78.6046

Background



This preview shows how black text looks on a background with the XYZ color 62.2684, 73.4453, 78.6046.

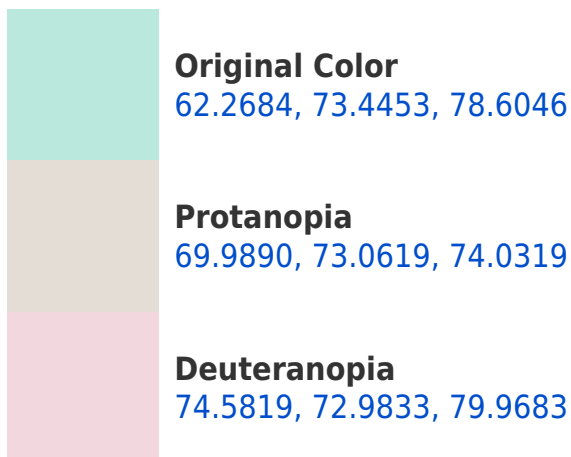


This preview shows how white text looks on a background with the XYZ color 62.2684, 73.4453,

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

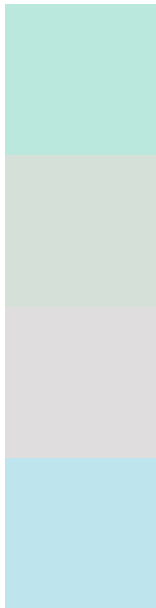




Tritanopia

66.1162, 73.3471, 97.8615

Trichromacy



Original Color

62.2684, 73.4453, 78.6046

Protanomaly

66.7605, 72.9544, 75.5287

Deuteranomaly

69.4727, 72.6748, 79.4733

Tritanomaly

64.5406, 73.1002, 90.8289

Monochromacy



Original Color

62.2684, 73.4453, 78.6046

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.2298, 70.4263, 76.5380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2684, 73.4453, 78.6046 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, 232, 220)` looks like.

```
.text, #text, p{  
    color:rgb(187, 232, 220)  
}
```

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, 232, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 232, 220) }
```

Border

The CSS property to change the border of an element to XYZ 62.2684, 73.4453, 78.6046 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, 232, 220) }
```


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

```
.border{ border-color:rgb(187, 232, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 232, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 232, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 232, 220);  
box-shadow:4px 4px 4px 4px rgb(187, 232,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2684, 73.4453, 78.6046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 232, 220) }
```

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

```
.background{ background-color: rgb(187,  
232, 220) }
```

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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