

Converting Colors

XYZ(62.4576, 74.0101, 38.5973)

Have a look what the booklet for
XYZ(62.4576, 74.0101, 38.5973)
contains.

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Color

**XYZ(62.4576, 74.0101,
38.5973)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E793
RGB	217, 231, 147
RGB Percent	85%, 91%, 58%
CMY	0.1490, 0.0941, 0.4235
CMYK	0.06, 0.00, 0.36, 0.09
HSL	70°, 64%, 74%
HSV	70°, 36%, 91%
XYZ	62.4576, 74.0101, 38.5973
YIQ	217.2380, 18.6200, -29.0920

Conversions

Conversions Part 2

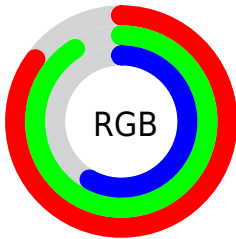
Format	Color
RYB	147, 231, 161
Decimal	14280595
CIELab	88.93, -17.58, 39.36
CIElCh	89, 43.110, 114.062
Yxy	74.0101, 0.3568, 0.4228
Android (android.graphics.Color)	4292470675 (0xFFD9E793)
YUV	217.2380, -34.6273, -0.2087
Hunter-Lab	86.0291, -20.9590, 33.6197

Details

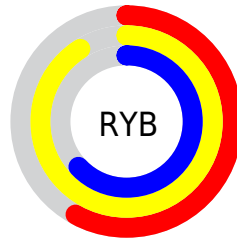
The XYZ color **62.4576, 74.0101, 38.5973** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **39.5583, 34.2160, 80.1250**, and the grayscale version is **66.3394, 69.7942, 76.0059**.

A 20% lighter version of the original color is **87.6607, 97.0443, 69.9883**, and **32.0935, 39.0632, 16.6749** is the 20% darker color. If you saturate the color by 10%, you get **59.6931, 72.7761, 29.9373**, and if you desaturate by 10%, it is **65.6166, 75.4101, 49.1786**.

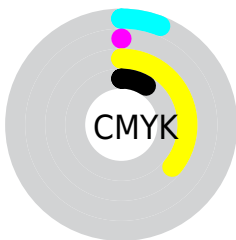
Distribution



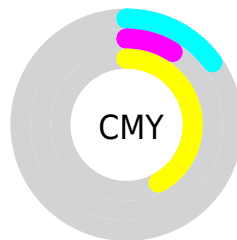
- Red (85%)
- Green (91%)
- Blue (58%)



- Red (58%)
- Yellow (91%)
- Blue (63%)



- Cyan (6%)
- Magenta (0%)
- Yellow (36%)
- Black (9%)





- Cyan (15%)
- Magenta (9%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4576, 74.0101, 38.5973 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 62.4576, 74.0101, 38.5973 by changing the saturation by 10% instead.


 62.4576, 74.0101,
38.5973


 62.4576, 74.0101,
38.5973


423.2893,
474.5082, 355.5500

 45.6595, 54.8023,
26.1412


 107.4728,
124.9101, 74.2363

 32.1807, 39.2435,
16.7026


 136.4207,
157.3711, 98.2562

 21.6558, 26.9492,
9.8630


170.1493,
195.0187, 126.9678

 13.7194, 17.5351,
5.2038

209.0238,
238.2372, 160.7897

 8.0061, 10.6167,
2.3065

253.4098,
287.4110, 200.1403

 4.1507, 5.8097,
0.7348

303.6724,

 1.7878, 2.7297,

342.9245, 245.4382

0.0000

360.1772,
405.1621, 297.1019

■ 0.5103, 0.9923,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4576, 74.0101,
38.5973

■ 62.4576, 74.0101,
38.5973

■ 59.6931, 72.7761,
29.9373

■ 65.6166, 75.4101,
49.1786

■ 57.2953, 71.6894,
23.0786

■ 69.1847, 76.9743,
61.7824


■ 55.2418, 70.7434,
17.8949


■ 73.1827, 78.7135,
76.5083


■ 53.5049, 69.9270,
14.2417


■ 77.6281, 80.6348,
93.4479


 52.0523, 69.2274,
11.9499


 81.3052, 82.2520,
106.1987

 50.8436, 68.6283,
10.8080

 82.5998, 82.9194,
106.2593

 50.4401, 68.4256,
10.5490

 83.9221, 83.6011,
106.3212

 85.2724, 84.2972,
106.3844

 86.6507, 85.0078,
106.4489

Harmonies

Analogous

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



72.4460, 74.0101, 35.7930



62.4576, 74.0101, 38.5973



55.2826, 74.0101, 51.2815

Triad

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



62.4576, 74.0101, 38.5973



59.1866, 74.0101, 136.8048



92.3084, 74.0101, 86.6926

Complementary

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



62.4576, 74.0101, 38.5973



39.5583, 34.2160, 80.1250

Split Complementary

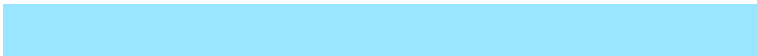
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.9199, 74.0101, 119.3449



62.4576, 74.0101, 38.5973



68.2838, 74.0101, 152.5376

Square

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



62.4576, 74.0101, 38.5973



53.5293, 74.0101, 106.4285



78.8686, 74.0101, 145.4630



90.3567, 74.0101, 59.3044

Rectangle

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



62.4576, 74.0101, 38.5973



52.7210, 74.0101, 65.7776



78.8686, 74.0101, 145.4630



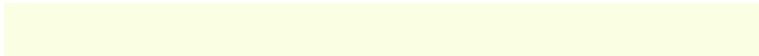
91.5132, 74.0101, 97.4616

Sweetspot

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



62.4594, 74.0134, 38.5989



89.1585, 97.4471, 86.7469



50.9689, 44.5874, 33.5247



18.9382, 20.7944, 18.0329



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.



62.4594, 74.0134, 38.5989



75.3922, 91.3802, 39.5718



51.5242, 68.3761, 38.0871



15.3533, 16.6892, 15.3166



28.3669, 38.4052, 5.9178



2.1591, 2.8704, 0.4403

Inverse Universe

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



39.5583, 34.2160, 80.1250



42.6428, 34.4348, 99.0068



49.4886, 39.3352, 80.5897



13.8056, 14.0020, 18.1194



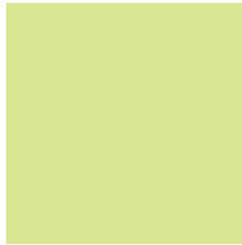
8.6147, 3.5069, 42.6060



0.7040, 0.2939, 3.1516

Previews

White Background



This preview shows how the XYZ color 62.4576, 74.0101, 38.5973 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 62.4576, 74.0101, 38.5973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

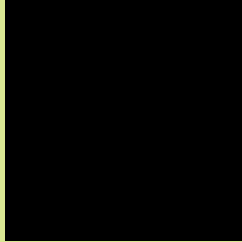
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

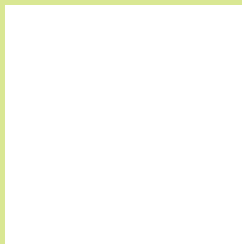
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.4576, 74.0101, 38.5973

Background



This preview shows how black text looks on a background with the XYZ color 62.4576, 74.0101, 38.5973.

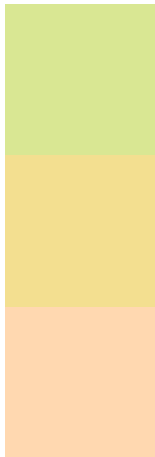


This preview shows how white text looks on a background with the XYZ color 62.4576, 74.0101,

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

62.4576, 74.0101, 38.5973

Protanopia

68.3839, 73.8437, 37.0346

Deuteranopia

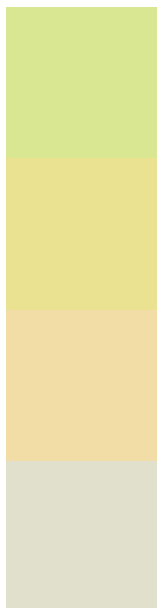
73.6323, 73.5063, 51.3816



Tritanopia

72.8742, 73.7948, 90.5237

Trichromacy



Original Color

62.4576, 74.0101, 38.5973

Protanomaly

66.2389, 73.9295, 37.5667

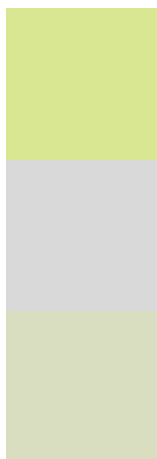
Deuteranomaly

68.9236, 73.1303, 46.0802

Tritanomaly

68.2952, 73.5182, 67.7176

Monochromacy



Original Color

62.4576, 74.0101, 38.5973

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

64.2510, 70.8000, 60.1486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4576, 74.0101, 38.5973 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(217, 231, 147)` looks like.

```
.text, #text, p{  
    color:rgb(217, 231, 147)  
}
```

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(217, 231, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 231, 147) }
```

Border

The CSS property to change the border of an element to XYZ 62.4576, 74.0101, 38.5973 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(217, 231, 147) }
```


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

```
.border{ border-color:rgb(217, 231, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 231, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 231, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 231, 147);  
box-shadow:4px 4px 4px 4px rgb(217, 231,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4576, 74.0101, 38.5973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 231, 147) }
```

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

```
.background{ background-color: rgb(217,  
231, 147) }
```

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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