

Converting Colors

XYZ(74.3413, 82.2263, 46.6299)

Have a look what the booklet for
XYZ(74.3413, 82.2263, 46.6299)
contains.

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Color

**XYZ(74.2625, 82.0477,
46.5731)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F5ECA3 |
| RGB | 245, 236, 163 |
| RGB Percent | 96%, 93%, 64% |
| CMY | 0.0392, 0.0745, 0.3608 |
| CMYK | 0.00, 0.04, 0.33, 0.04 |
| HSL | 53°, 80%, 80% |
| HSV | 53°, 33%, 96% |
| XYZ | 74.2625, 82.0477, 46.5731 |
| YIQ | 230.3690, 28.7970, -20.7950 |

Conversions

Conversions Part 2

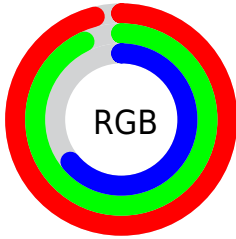
| Format | Color |
|-------------------------------------|---|
| RYB | 173, 245, 163 |
| Decimal | 16116899 |
| CIELab | 92.60, -7.57, 36.54 |
| CIELCh | 93, 37.318, 101.699 |
| Yxy | 82.0477, 0.3660, 0.4044 |
| Android (android.graphics.Color) | 4294306979 (0xFFF5ECA3) |
| YUV | 230.3690, -33.2129, 12.8314 |
| Hunter-Lab | 90.5802, -12.1714, 32.9213 |

Details

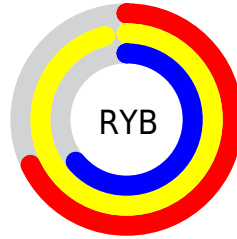
The XYZ color **74.2625, 82.0477, 46.5731** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **46.3380, 43.8830, 92.4143**, and the grayscale version is **75.7124, 79.6553, 86.7447**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **39.8748, 44.4597, 21.2318** is the 20% darker color. If you saturate the color by 10%, you get **71.5094, 79.7207, 35.8546**, and if you desaturate by 10%, it is **77.4566, 84.5756, 59.5385**.

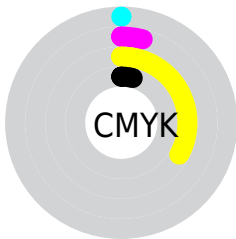
Distribution



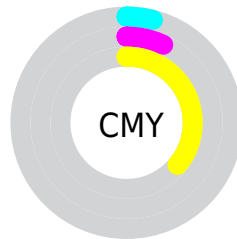
- Red (96%)
- Green (93%)
- Blue (64%)



- Red (68%)
- Yellow (96%)
- Blue (64%)



- Cyan (0%)
- Magenta (4%)
- Yellow (33%)
- Black (4%)





- Cyan (4%)
- Magenta (7%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2625, 82.0477, 46.5731 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 74.2625, 82.0477, 46.5731 by changing the saturation by 10% instead.

 74.2625, 82.0477,
46.5731


 74.2625, 82.0477,
46.5731


464.4152,
501.8072, 389.4523

 55.3010, 61.4049,
32.3464


 124.2614,
136.2409, 86.4193

 39.8775, 44.5520,
21.3592


 156.0294,
170.5600, 112.8759

 27.6268, 31.1047,
13.1930


192.7969,
210.2067, 144.2462

 18.1836, 20.6786,
7.4293

234.9294,
255.5653, 180.9488

 11.1824, 12.8893,
3.6495

282.7921,
307.0203, 223.4021

 6.2578, 7.3523,
1.4351

336.7504,

 3.0446, 3.6834,

364.9560, 272.0248

0.1689

397.1696,
429.7569, 327.2353

■ 1.1774, 1.4981,
0.0000

■ 0.0884, 0.2874,
0.0000

■ 74.2625, 82.0477,
46.5731

■ 74.2625, 82.0477,
46.5731

■ 71.5094, 79.7207,
35.8546

■ 77.4566, 84.5756,
59.5385

■ 69.1666, 77.5733,
27.2480

■ 81.1083, 87.3024,
74.8651

■ 67.2087, 75.5985,
20.6119

■ 85.2409, 90.2402,
92.6656

■ 65.6052, 73.7837,
15.7853

■ 88.8922, 93.0045,
107.8743

64.3207, 72.1149,
12.5821

89.7189, 94.6578,
108.1498

63.3122, 70.5747,
10.7757

90.5575, 96.3349,
108.4294

62.7607, 69.6214,
10.1304

91.4079, 98.0359,
108.7129

91.4662, 98.1525,
108.7323

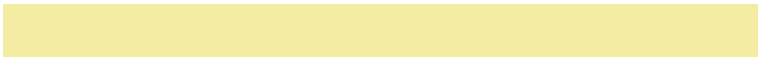
Harmonies

Analogous

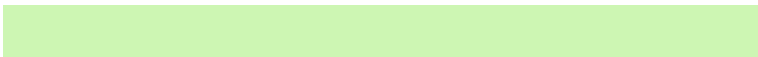
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.9884, 82.0477, 47.6119



74.2625, 82.0477, 46.5731



66.2226, 82.0477, 55.0931

Triad

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



74.2625, 82.0477, 46.5731



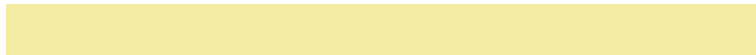
64.8701, 82.0477, 129.7903



97.0666, 82.0477, 107.1808

Complementary

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



74.2625, 82.0477, 46.5731



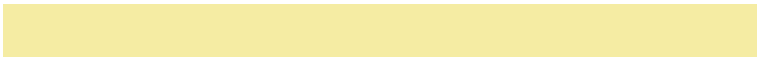
46.3380, 43.8830, 92.4143

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.



91.0612, 82.0477, 135.4497



74.2625, 82.0477, 46.5731



72.2726, 82.0477, 150.2542

Square

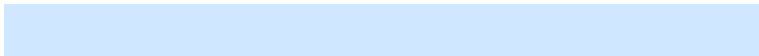
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.2625, 82.0477, 46.5731



61.1083, 82.0477, 100.6116



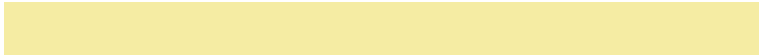
81.8275, 82.0477, 152.5169



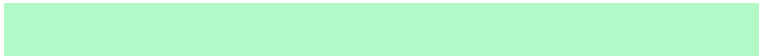
97.7112, 82.0477, 78.9360

Rectangle

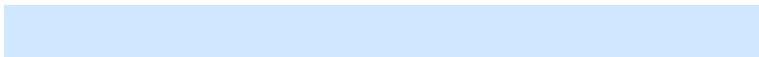
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2625, 82.0477, 46.5731



62.6872, 82.0477, 66.3286



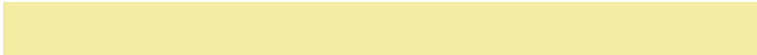
81.8275, 82.0477, 152.5169



95.5861, 82.0477, 117.1295

Sweetspot

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



74.2646, 82.0514, 46.5748



90.3270, 96.6935, 88.3983



58.2550, 48.6082, 45.6287



19.2009, 20.6010, 18.3521



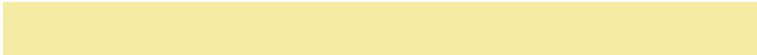
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

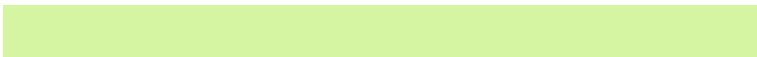
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2646, 82.0514, 46.5748



79.2840, 88.1483, 42.9726



66.8691, 82.1805, 46.9895



17.7504, 18.9848, 17.5265



33.8737, 37.6331, 5.4786



3.0207, 3.3945, 0.4960

Inverse Universe

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



46.3380, 43.8830, 92.4143



44.4960, 40.6105, 100.1012



51.9390, 44.3148, 92.2024



15.7275, 16.2192, 20.8443



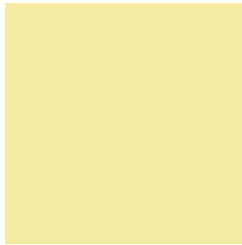
9.1365, 4.0667, 46.8414



0.8502, 0.4518, 4.1326

Previews

White Background



This preview shows how the XYZ color 74.2625, 82.0477, 46.5731 looks on a white background.

Color Contrast Check

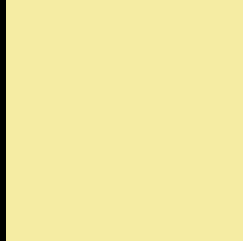
Large Text (above 18pt) WCAG AA × Fail

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 74.2625, 82.0477, 46.5731 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 74.2625, 82.0477, 46.5731

Background



This preview shows how black text looks on a background with the XYZ color 74.2625, 82.0477, 46.5731.



This preview shows how white text looks on a background with the XYZ color 74.2625, 82.0477,

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

74.2625, 82.0477, 46.5731

Protanopia

76.0893, 82.1497, 46.0286

Deuteranopia

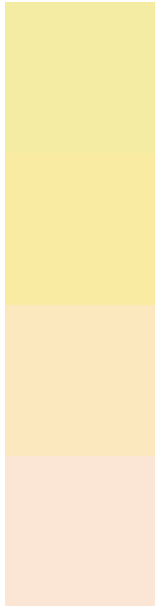
80.3999, 81.7549, 69.9353



Tritanopia

84.2471, 81.9346, 96.1687

Trichromacy



Original Color

74.2625, 82.0477, 46.5731

Protanomaly

75.2968, 82.1650, 46.0733

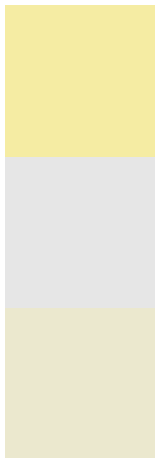
Deuteranomaly

77.9345, 81.9402, 60.4236

Tritanomaly

80.2181, 81.9579, 75.2098

Monochromacy



Original Color

74.2625, 82.0477, 46.5731

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.2581, 79.8316, 69.8877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2625, 82.0477, 46.5731 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(245, 236, 163)` looks like.

```
.text, #text, p{  
    color:rgb(245, 236, 163)  
}
```

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(245, 236, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 236, 163) }
```

Border

The CSS property to change the border of an element to XYZ 74.2625, 82.0477, 46.5731 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(245, 236, 163) }
```


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

```
.border{ border-color:rgb(245, 236, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 236, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 236, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 236, 163);  
box-shadow:4px 4px 4px 4px rgb(245, 236,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2625, 82.0477, 46.5731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 236, 163) }
```

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

```
.background{ background-color: rgb(245,  
236, 163) }
```

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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