

Converting Colors

XYZ(61.0988, 74.3116, 47.2091)

Have a look what the booklet for
XYZ(61.0988, 74.3116, 47.2091)
contains.

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Color

**XYZ(61.2076, 74.4362,
47.2180)**

Conversions

Conversions Part 1

Format	Color
Hex	CCEAA6
RGB	204, 234, 166
RGB Percent	80%, 92%, 65%
CMY	0.2000, 0.0823, 0.3490
CMYK	0.13, 0.00, 0.29, 0.08
HSL	86°, 62%, 78%
HSV	86°, 29%, 92%
XYZ	61.2076, 74.4362, 47.2180
YIQ	217.2780, 3.9480, -27.5080

Conversions

Conversions Part 2

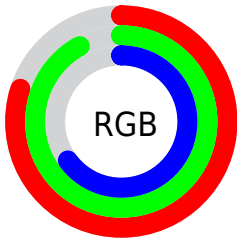
Format	Color
RYB	166, 234, 196
Decimal	13429414
CIELab	89.13, -21.36, 29.87
CIELCh	89, 36.724, 125.570
Yxy	74.4362, 0.3347, 0.4071
Android (android.graphics.Color)	4291619494 (0xFFCCEAA6)
YUV	217.2780, -25.2801, -11.6448
Hunter-Lab	86.2764, -24.3494, 27.9448

Details

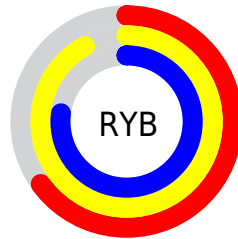
The XYZ color **61.2076, 74.4362, 47.2180** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **51.2555, 44.9508, 83.8209**, and the grayscale version is **66.3119, 69.7652, 75.9743**.

A 20% lighter version of the original color is **90.0511, 98.0005, 82.5764**, and **31.2955, 39.4226, 21.5827** is the 20% darker color. If you saturate the color by 10%, you get **56.5171, 72.2463, 36.7948**, and if you desaturate by 10%, it is **66.4801, 76.8856, 59.7101**.

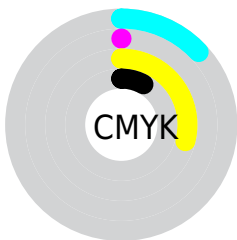
Distribution



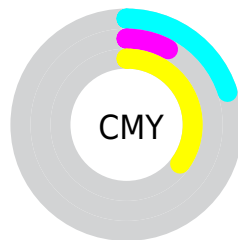
- Red (80%)
- Green (92%)
- Blue (65%)



- Red (65%)
- Yellow (92%)
- Blue (77%)



- Cyan (13%)
- Magenta (0%)
- Yellow (29%)
- Black (8%)





- Cyan (20%)
- Magenta (8%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2076, 74.4362, 47.2180 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 61.2076, 74.4362, 47.2180 by changing the saturation by 10% instead.


 61.2076, 74.4362,
47.2180


 61.2076, 74.4362,
47.2180


418.7985,
475.9775, 392.1030

 44.6459, 55.1511,
32.8524


 105.6759,
125.5140, 87.3923

 31.3787, 39.5227,
21.7432


 134.3132,
158.0754, 114.0382

 21.0406, 27.1666,
13.4719


167.7064,
195.8312, 145.6145

 13.2663, 17.6984,
7.6197

206.2209,
239.1655, 182.5400

 7.6905, 10.7337,
3.7683

250.2220,
288.4630, 225.2330

 3.9477, 5.8880,
1.4991

300.0750,

 1.6726, 2.7771,

344.1078, 274.1121

0.2173

356.1454,
406.4845, 329.5959

0.4390, 1.0165,
0.0000

0.0000, 0.0000,
0.0000

61.2076, 74.4362,
47.2180

61.2076, 74.4362,
47.2180

56.5171, 72.2463,
36.7948

66.4801, 76.8856,
59.7101

52.3782, 70.2958,
28.3240

72.3521, 79.5943,
74.3698

48.7658, 68.5768,
21.6847

78.8472, 82.5747,
91.2950

45.6502, 67.0768,
16.7406

85.2355, 85.5353,
106.6253

■ 42.9981, 65.7822,
13.3367

■ 88.7144, 87.3287,
106.7881

■ 40.7704, 64.6768,
11.2890

■ 38.9093, 63.7370,
10.3149

■ 38.7467, 63.6546,
10.2444

Harmonies

Analogous

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



69.0929, 74.4362, 41.2398



61.2076, 74.4362, 47.2180



56.2151, 74.4362, 62.3333

Triad

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



61.2076, 74.4362, 47.2180



63.8709, 74.4362, 134.6845



89.2878, 74.4362, 76.3602

Complementary

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



61.2076, 74.4362, 47.2180



51.2555, 44.9508, 83.8209

Split Complementary

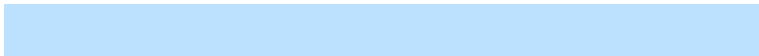
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.5949, 74.4362, 103.1781



61.2076, 74.4362, 47.2180



72.4321, 74.4362, 140.6317

Square

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



61.2076, 74.4362, 47.2180



57.6596, 74.4362, 113.2152



81.2346, 74.4362, 128.0867



85.6839, 74.4362, 55.6364

Rectangle

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



61.2076, 74.4362, 47.2180



54.9477, 74.4362, 77.3024



81.2346, 74.4362, 128.0867



89.3226, 74.4362, 84.9135

Sweetspot

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



61.2095, 74.4395, 47.2196



87.9448, 96.7388, 90.4184



60.4373, 59.4879, 44.3744



18.5905, 20.5987, 18.7595



0.0000, 0.0000, 0.0000



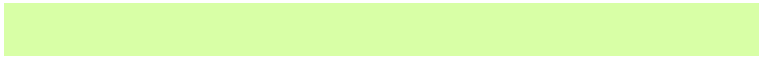
20.3446, 21.4041, 23.3091

Same Dimension

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



61.2095, 74.4395, 47.2196



70.8269, 88.8052, 49.3644



53.0011, 70.2079, 46.8355



15.6734, 17.2772, 16.0275



21.9195, 35.8444, 5.7634



1.8315, 2.8715, 0.4577

Inverse Universe

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



51.2555, 44.9508, 83.8209



56.8534, 47.3992, 100.7602



60.9526, 49.9498, 84.2747



14.8620, 14.8741, 19.0099



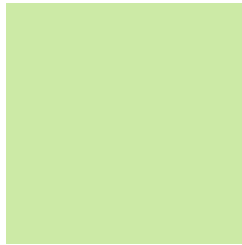
11.6441, 5.0387, 44.1018



1.0232, 0.4518, 3.4681

Previews

White Background



This preview shows how the XYZ color 61.2076, 74.4362, 47.2180 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 61.2076, 74.4362, 47.2180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

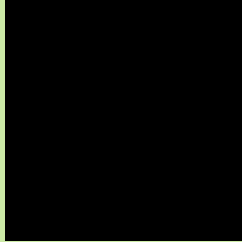
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2076, 74.4362, 47.2180

Background



This preview shows how black text looks on a background with the XYZ color 61.2076, 74.4362, 47.2180.



This preview shows how white text looks on a background with the XYZ color 61.2076, 74.4362,

47.2180.

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

61.2076, 74.4362, 47.2180

Protanopia

68.7559, 73.8738, 44.3535

Deuteranopia

74.3431, 73.7906, 55.1245



Tritanopia

70.7070, 74.1692, 94.5938

Trichromacy



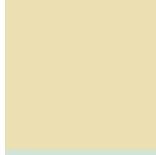
Original Color

61.2076, 74.4362, 47.2180



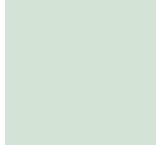
Protanomaly

65.7585, 73.9134, 45.4512



Deuteranomaly

68.9156, 73.7825, 52.2042



Tritanomaly

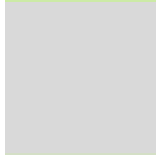
66.7450, 74.1907, 74.4207

Monochromacy



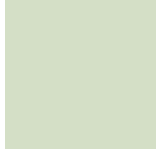
Original Color

61.2076, 74.4362, 47.2180



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

63.7321, 70.8496, 63.7424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2076, 74.4362, 47.2180 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(204, 234, 166)` looks like.

```
.text, #text, p{  
    color:rgb(204, 234, 166)  
}
```

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(204, 234, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 234, 166) }
```

Border

The CSS property to change the border of an element to XYZ 61.2076, 74.4362, 47.2180 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(204, 234, 166) }
```


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

```
.border{ border-color:rgb(204, 234, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 234, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 234, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 234, 166);  
box-shadow:4px 4px 4px 4px rgb(204, 234,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2076, 74.4362, 47.2180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 234, 166) }
```

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

```
.background{ background-color: rgb(204,  
234, 166) }
```

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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