

Converting Colors

XYZ(61.5443, 73.1836, 44.7475)

Have a look what the booklet for
XYZ(61.5443, 73.1836, 44.7475)
contains.

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Color

**XYZ(61.3082, 72.8685,
44.5520)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E6A1
RGB	210, 230, 161
RGB Percent	82%, 90%, 63%
CMY	0.1765, 0.0980, 0.3686
CMYK	0.09, 0.00, 0.30, 0.10
HSL	77°, 58%, 77%
HSV	77°, 30%, 90%
XYZ	61.3082, 72.8685, 44.5520
YIQ	216.1540, 10.2290, -25.6990

Conversions

Conversions Part 2

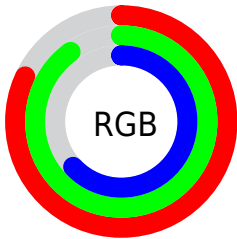
Format	Color
RYB	161, 230, 181
Decimal	13821601
CIELab	88.38, -17.92, 31.49
CIELCh	88, 36.237, 119.642
Yxy	72.8685, 0.3430, 0.4077
Android (android.graphics.Color)	4292011681 (0xFFD2E6A1)
YUV	216.1540, -27.1909, -5.3971
Hunter-Lab	85.3630, -21.1857, 28.8100

Details

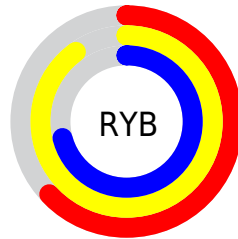
The XYZ color **61.3082, 72.8685, 44.5520** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.0868, 41.0287, 80.3573**, and the grayscale version is **65.5515, 68.9653, 75.1032**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **31.4139, 38.3448, 20.2136** is the 20% darker color. If you saturate the color by 10%, you get **57.6051, 71.1750, 34.7475**, and if you desaturate by 10%, it is **65.4673, 74.7585, 56.3283**.

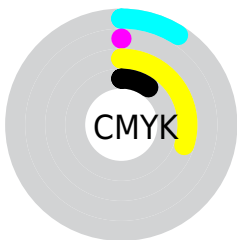
Distribution



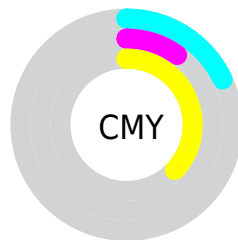
- Red (82%)
- Green (90%)
- Blue (63%)



- Red (63%)
- Yellow (90%)
- Blue (71%)



- Cyan (9%)
- Magenta (0%)
- Yellow (30%)
- Black (10%)





- Cyan (18%)
- Magenta (10%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3082, 72.8685, 44.5520 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 61.3082, 72.8685, 44.5520 by changing the saturation by 10% instead.


 61.3082, 72.8685,
44.5520


 61.3082, 72.8685,
44.5520


419.1610,
470.5589, 381.0632

 44.7274, 53.8684,
30.7643


 105.8206,
123.2905, 83.3590

 31.4431, 38.4965,
20.1625


 134.4830,
155.4813, 109.2155

 21.0900, 26.3683,
12.3280

167.9033,
192.8377, 139.9319

 13.3026, 17.0993,
6.8422

206.4469,
235.7442, 175.9269

 7.7157, 10.3053,
3.2867

250.4791,
284.5852, 217.6190

 3.9638, 5.6019,
1.2428

300.3653,

 1.6817, 2.6045,

339.7450, 265.4267

0.0142

356.4708,
401.6082, 319.7686

■ 0.4448, 0.9289,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3082, 72.8685,
44.5520

■ 61.3082, 72.8685,
44.5520

■ 57.6051, 71.1750,
34.7475

■ 65.4673, 74.7585,
56.3283

■ 54.3310, 69.6596,
26.8021

■ 70.0966, 76.8434,
70.1715

■ 51.4643, 68.3160,
20.5992

■ 75.2166, 79.1340,
86.1759

■ 48.9790, 67.1339,
16.0069

■ 80.8448, 81.6372,
104.4289

■ 46.8454, 66.1011,
12.8745

■ 83.4285, 82.9322,
106.2181

■ 45.0286, 65.2036,
11.0229

■ 85.7762, 84.1425,
106.3280

■ 43.4689, 64.4174,
10.1428

■ 87.5884, 85.0767,
106.4128

Harmonies

Analogous

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



69.3639, 72.8685, 40.4186



61.3082, 72.8685, 44.5520



55.7999, 72.8685, 57.5012

Triad

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



61.3082, 72.8685, 44.5520



61.1415, 72.8685, 128.2965



87.3770, 72.8685, 79.6411

Complementary

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



61.3082, 72.8685, 44.5520



46.0868, 41.0287, 80.3573

Split Complementary

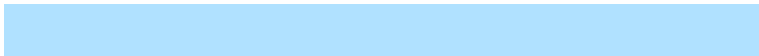
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.7257, 72.8685, 106.1112



61.3082, 72.8685, 44.5520



69.1549, 72.8685, 137.5627

Square

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



61.3082, 72.8685, 44.5520



55.7095, 72.8685, 105.4832



77.8698, 72.8685, 128.7092



84.8453, 72.8685, 57.9204

Rectangle

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



61.3082, 72.8685, 44.5520



54.0676, 72.8685, 71.0329



77.8698, 72.8685, 128.7092



87.0594, 72.8685, 88.2738

Sweetspot

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



61.3101, 72.8717, 44.5536



89.1669, 97.3689, 90.4756



55.5013, 52.2636, 40.8819



18.8922, 20.7542, 18.7736



0.0000, 0.0000, 0.0000



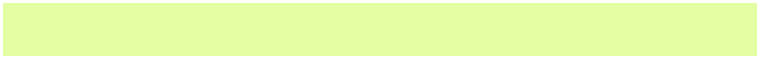
20.3446, 21.4041, 23.3091

Same Dimension

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



61.3101, 72.8717, 44.5536



74.5062, 90.7287, 48.3298



52.6255, 68.3947, 44.1471



15.1732, 16.5964, 15.3082



24.7353, 36.5330, 5.7479



1.9189, 2.7466, 0.4290

Inverse Universe

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



46.0868, 41.0287, 80.3573



52.3716, 44.4087, 100.4192



55.0694, 45.6594, 80.7777



13.9734, 14.0885, 18.1272



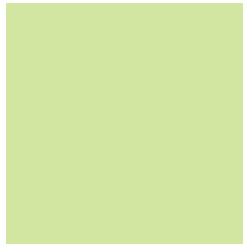
9.4895, 3.9579, 42.6470



0.7911, 0.3388, 3.1557

Previews

White Background



This preview shows how the XYZ color 61.3082, 72.8685, 44.5520 looks on a white background.

Color Contrast Check

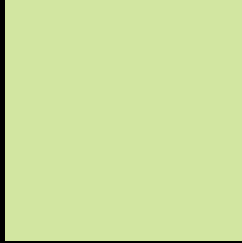
Large Text (above 18pt) WCAG AA × Fail

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 61.3082, 72.8685, 44.5520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

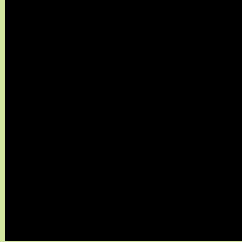
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

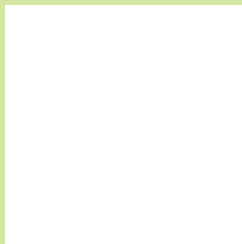
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3082, 72.8685, 44.5520

Background



This preview shows how black text looks on a background with the XYZ color 61.3082, 72.8685, 44.5520.



This preview shows how white text looks on a background with the XYZ color 61.3082, 72.8685,

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

61.3082, 72.8685, 44.5520

Protanopia

67.5389, 72.4979, 42.3321

Deuteranopia

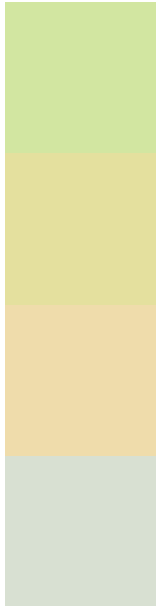
73.1230, 72.4877, 51.2118



Tritanopia

70.5410, 72.5751, 91.1794

Trichromacy



Original Color

61.3082, 72.8685, 44.5520

Protanomaly

64.8221, 72.2739, 42.8815

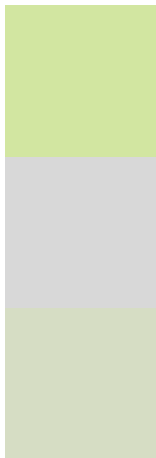
Deuteranomaly

68.5405, 72.4774, 48.9051

Tritanomaly

66.6074, 72.5634, 71.4683

Monochromacy



Original Color

61.3082, 72.8685, 44.5520

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.5518, 69.9946, 62.3853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3082, 72.8685, 44.5520 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(210, 230, 161)` looks like.

```
.text, #text, p{  
    color:rgb(210, 230, 161)  
}
```

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(210, 230, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 230, 161) }
```

Border

The CSS property to change the border of an element to XYZ 61.3082, 72.8685, 44.5520 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(210, 230, 161) }
```


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

```
.border{ border-color:rgb(210, 230, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 230, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 230, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 230, 161);  
box-shadow:4px 4px 4px 4px rgb(210, 230,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3082, 72.8685, 44.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 230, 161) }
```

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

```
.background{ background-color: rgb(210,  
230, 161) }
```

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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