

Converting Colors

XYZ(61.2543, 72.4620, 45.2162)

Have a look what the booklet for
XYZ(61.2543, 72.4620, 45.2162)
contains.

XYZ(61.2085, 72.3846, 45.3959)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.2085, 72.3846,
45.3959)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E5A3
RGB	210, 229, 163
RGB Percent	82%, 90%, 64%
CMY	0.1765, 0.1019, 0.3608
CMYK	0.08, 0.00, 0.29, 0.10
HSL	77°, 56%, 77%
HSV	77°, 29%, 90%
XYZ	61.2085, 72.3846, 45.3959
YIQ	215.7950, 9.8620, -24.5540

Conversions

Conversions Part 2

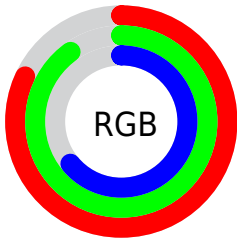
Format	Color
RYB	163, 229, 182
Decimal	13821347
CIELab	88.15, -17.16, 30.16
CIELCh	88, 34.703, 119.633
Yxy	72.3846, 0.3420, 0.4044
Android (android.graphics.Color)	4292011427 (0xFFD2E5A3)
YUV	215.7950, -26.0279, -5.0822
Hunter-Lab	85.0791, -20.4702, 27.9199

Details

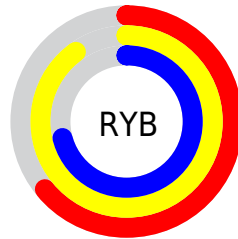
The XYZ color **61.2085, 72.3846, 45.3959** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.5343, 41.7986, 79.7481**, and the grayscale version is **65.2991, 68.6998, 74.8141**.

A 20% lighter version of the original color is **89.6549, 97.8420, 80.4897**, and **31.5229, 38.3884, 20.7872** is the 20% darker color. If you saturate the color by 10%, you get **57.5014, 70.6918, 35.4645**, and if you desaturate by 10%, it is **65.3683, 74.2723, 57.2909**.

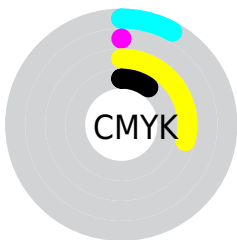
Distribution



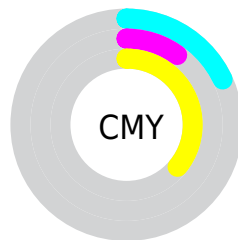
- Red (82%)
- Green (90%)
- Blue (64%)



- Red (64%)
- Yellow (90%)
- Blue (71%)



- Cyan (8%)
- Magenta (0%)
- Yellow (29%)
- Black (10%)



- Cyan (18%)
- Magenta (10%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2085, 72.3846, 45.3959 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 61.2085, 72.3846, 45.3959 by changing the saturation by 10% instead.

61.2085, 72.3846,
45.3959

61.2085, 72.3846,
45.3959

418.8018,
468.8792, 384.5814

44.6466, 53.4729,
31.4242

105.6772,
122.6032, 84.6389

31.3793, 38.1804,
20.6609

134.3147,
154.6788, 110.7473

21.0411, 26.1228,
12.6875

167.7081,
191.9113, 141.7383

13.2667, 16.9155,
7.0855

206.2229,
234.6849, 178.0304

7.6907, 10.1743,
3.4364

250.2243,
283.3841, 220.0422

3.9478, 5.5147,
1.3215


300.0776,


1.6726, 2.5523,

338.3933, 268.1923

0.0794


356.1483,
400.0969, 322.8992


 0.4391, 0.9027,
0.0000


 0.0000, 0.0000,
0.0000


 61.2085, 72.3846,
45.3959

 61.2085, 72.3846,
45.3959


 57.5014, 70.6918,
35.4645


 65.3683, 74.2723,
57.2909


 54.2204, 69.1758,
27.3862

 69.9946, 76.3533,
71.2425

 51.3445, 67.8305,
21.0470

 75.1076, 78.6381,
87.3436

 48.8483, 66.6458,
16.3181

 80.7244, 81.1336,
105.6799

■ 46.7031, 65.6099,
13.0531

■ 83.0228, 82.3111,
106.1196

■ 44.8749, 64.7092,
11.0789

■ 85.3393, 83.5053,
106.2280

■ 43.3129, 63.9233,
10.1331

■ 87.3108, 84.5217,
106.3203

■ 43.1385, 63.8351,
10.0478

Harmonies

Analogous

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



68.9017, 72.3846, 41.3839



61.2085, 72.3846, 45.3959



55.9315, 72.3846, 57.8984

Triad

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



61.2085, 72.3846, 45.3959



61.0449, 72.3846, 125.1768



86.0186, 72.3846, 79.1077

Complementary

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



61.2085, 72.3846, 45.3959



46.5343, 41.7986, 79.7481

Split Complementary

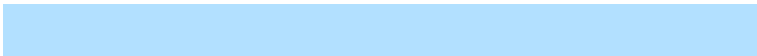
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.5035, 72.3846, 104.2440



61.2085, 72.3846, 45.3959



68.6972, 72.3846, 133.9045

Square

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



61.2085, 72.3846, 45.3959



55.8425, 72.3846, 103.6342



76.9933, 72.3846, 125.5758



83.6199, 72.3846, 58.3122

Rectangle

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



61.2085, 72.3846, 45.3959



54.2684, 72.3846, 70.8746



76.9933, 72.3846, 125.5758



85.7170, 72.3846, 87.3264

Sweetspot

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



61.2104, 72.3878, 45.3974



89.1830, 97.3772, 90.4764



55.5931, 52.6378, 41.8814



18.8961, 20.7563, 18.7738



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.



61.2104, 72.3878, 45.3974



75.0293, 90.9716, 49.5611



52.8324, 68.0688, 45.0054



15.1761, 16.5978, 15.3083



24.7877, 36.5600, 5.7503



1.9224, 2.7484, 0.4292

Inverse Universe

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



46.5343, 41.7986, 79.7481



53.2397, 45.5363, 100.5911



55.1789, 46.2550, 80.1526



13.9707, 14.0871, 18.1271



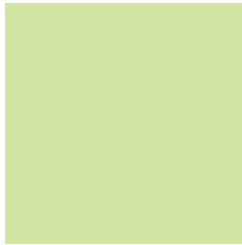
9.4715, 3.9487, 42.6461



0.7895, 0.3379, 3.1556

Previews

White Background



This preview shows how the XYZ color 61.2085, 72.3846, 45.3959 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 61.2085, 72.3846, 45.3959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

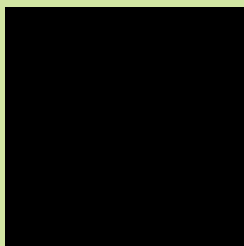
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

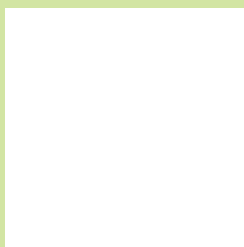
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2085, 72.3846, 45.3959

Background



This preview shows how black text looks on a background with the XYZ color 61.2085, 72.3846, 45.3959.

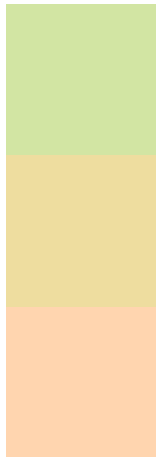


This preview shows how white text looks on a background with the XYZ color 61.2085, 72.3846,

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

61.2085, 72.3846, 45.3959

Protanopia

67.3744, 72.3932, 43.2232

Deuteranopia

72.7721, 71.9436, 50.6084



Tritanopia

70.1328, 71.9931, 90.3204

Trichromacy



Original Color

61.2085, 72.3846, 45.3959

Protanomaly

64.9957, 72.3434, 43.7957

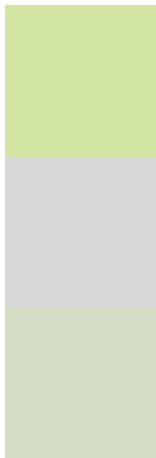
Deuteranomaly

68.2788, 71.9540, 48.8179

Tritanomaly

66.3394, 72.0274, 71.3790

Monochromacy



Original Color

61.2085, 72.3846, 45.3959

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.6661, 70.0403, 62.9869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2085, 72.3846, 45.3959 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, 229, 163)` looks like.

```
.text, #text, p{  
    color:rgb(210, 229, 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(210, 229, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 229, 163) }
```

Border

The CSS property to change the border of an element to XYZ 61.2085, 72.3846, 45.3959 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, 229, 163) }
```


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

```
.border{ border-color:rgb(210, 229, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 229, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 229, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 229, 163); box-shadow:4px 4px 4px 4px rgb(210, 229, 163) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2085, 72.3846, 45.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 229, 163) }
```

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

```
.background{ background-color: rgb(210,  
229, 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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