

Converting Colors

XYZ(55.4832, 66.5247, 46.1828)

Have a look what the booklet for
XYZ(55.4832, 66.5247, 46.1828)
contains.

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Color

**XYZ(55.5099, 66.5978,
46.0054)**

Conversions

Conversions Part 1

Format	Color
Hex	C3DEA6
RGB	195, 222, 166
RGB Percent	76%, 87%, 65%
CMY	0.2353, 0.1294, 0.3490
CMYK	0.12, 0.00, 0.25, 0.13
HSL	89°, 46%, 76%
HSV	89°, 25%, 87%
XYZ	55.5099, 66.5978, 46.0054
YIQ	207.5430, 1.8840, -23.1400

Conversions

Conversions Part 2

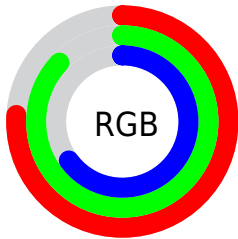
Format	Color
R _{YB}	166, 222, 193
Decimal	12836518
CIE _{Lab}	85.30, -18.70, 24.58
CIE _{LCh}	85, 30.884, 127.264
Y _{xy}	66.5978, 0.3302, 0.3961
Android (android.graphics.Color)	4291026598 (0xFFC3DEA6)
YUV	207.5430, -20.4807, -11.0002
Hunter-Lab	81.6075, -21.3963, 23.7011

Details

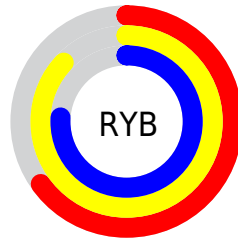
The XYZ color **55.5099, 66.5978, 46.0054** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.8160, 43.8857, 75.0087**, and the grayscale version is **59.7873, 62.9009, 68.4991**.

A 20% lighter version of the original color is **88.9560, 97.4359, 82.5251**, and **27.8405, 34.5151, 21.1143** is the 20% darker color. If you saturate the color by 10%, you get **50.9796, 64.4797, 36.0650**, and if you desaturate by 10%, it is **60.5936, 68.9646, 57.8094**.

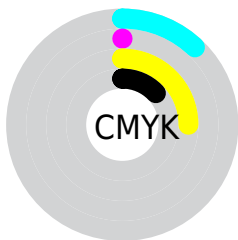
Distribution



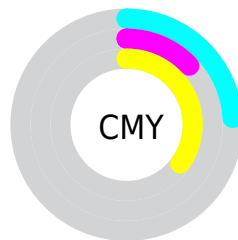
- Red (76%)
- Green (87%)
- Blue (65%)



- Red (65%)
- Yellow (87%)
- Blue (76%)



- Cyan (12%)
- Magenta (0%)
- Yellow (25%)
- Black (13%)





- Cyan (24%)
- Magenta (13%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5099, 66.5978, 46.0054 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 55.5099, 66.5978, 46.0054 by changing the saturation by 10% instead.


 55.5099, 66.5978,
46.0054


 55.5099, 66.5978,
46.0054


397.9469,
448.5118, 387.1086

 40.0456, 48.7578,
31.9014


 97.4316, 114.3439,
85.5614

 27.7584, 34.4274,
21.0220


 124.6197,
145.0189, 111.8506

 18.2832, 23.2222,
12.9487


156.4464,
180.7409, 143.0385

 11.2544, 14.7576,
7.2629

193.2771,
221.8945, 179.5437

 6.3068, 8.6495,
3.5461

235.4772,
268.8640, 221.7848

 3.0749, 4.5133,
1.3798

283.4119,

 1.1935, 1.9646,

322.0337, 270.1802

0.1259

337.4467,
381.7882, 325.1487

■ 0.1012, 0.5868,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5099, 66.5978,
46.0054

■ 55.5099, 66.5978,
46.0054

■ 50.9796, 64.4797,
36.0650

■ 60.5936, 68.9646,
57.8094

■ 46.9754, 62.5923,
27.8887

■ 66.2462, 71.5801,
71.5612

■ 43.4749, 60.9283,
21.3740

■ 72.4891, 74.4555,
87.3450

■ 40.4521, 59.4768,
16.4064

■ 79.3408, 77.5987,
105.2388

■ 37.8778, 58.2256,
12.8567

■ 83.0706, 79.5179,
105.5779

■ 35.7190, 57.1610,
10.5747

■ 85.4126, 80.7252,
105.6875

■ 33.9357, 56.2663,
9.3764

■ 33.1870, 55.8871,
9.0381

Harmonies

Analogous

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



61.6161, 66.5978, 40.6571



55.5099, 66.5978, 46.0054



51.7018, 66.5978, 58.6392

Triad

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



55.5099, 66.5978, 46.0054



58.2486, 66.5978, 114.0923



77.5798, 66.5978, 67.7581

Complementary

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



55.5099, 66.5978, 46.0054



48.8160, 43.8857, 75.0087

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.



76.5128, 66.5978, 88.4203



55.5099, 66.5978, 46.0054



65.0126, 66.5978, 117.7570

Square

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



55.5099, 66.5978, 46.0054



53.1999, 66.5978, 98.3876



71.7851, 66.5978, 107.6387



74.6020, 66.5978, 51.6271

Rectangle

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



55.5099, 66.5978, 46.0054



50.8084, 66.5978, 70.6926



71.7851, 66.5978, 107.6387



77.6858, 66.5978, 74.3658

Sweetspot

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



55.5116, 66.6007, 46.0068



88.4108, 96.9369, 92.3456



55.8886, 56.0430, 43.9491



18.6688, 20.6307, 19.1425



0.0000, 0.0000, 0.0000



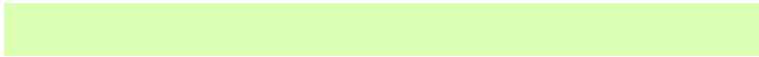
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5116, 66.6007, 46.0068



72.7932, 89.6772, 55.8560



49.1263, 63.3089, 45.7080



14.2024, 15.6845, 14.5856



19.8406, 33.2607, 5.3743



1.4785, 2.3587, 0.3773

Inverse Universe

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



48.8160, 43.8857, 75.0087



62.2084, 53.7660, 101.7069



56.3792, 47.7846, 75.3626



13.5779, 13.5659, 17.2905



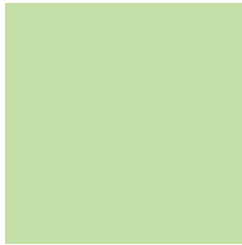
11.5635, 5.0565, 41.4149



0.9045, 0.4036, 2.8755

Previews

White Background



This preview shows how the XYZ color 55.5099, 66.5978, 46.0054 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 55.5099, 66.5978, 46.0054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

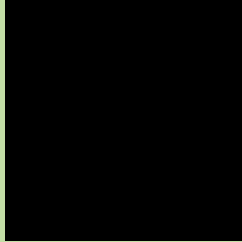
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

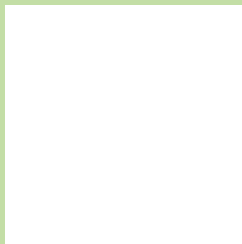
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5099, 66.5978, 46.0054

Background



This preview shows how black text looks on a background with the XYZ color 55.5099, 66.5978, 46.0054.



This preview shows how white text looks on a background with the XYZ color 55.5099, 66.5978,

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

55.5099, 66.5978, 46.0054

Protanopia

61.7436, 66.0265, 43.6726

Deuteranopia

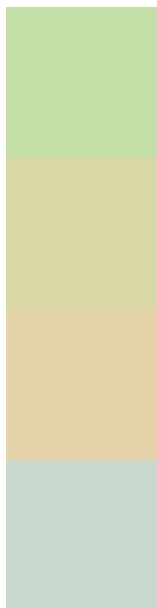
67.5600, 66.0445, 47.2173



Tritanopia

63.2540, 66.2808, 84.3225

Trichromacy



Original Color

55.5099, 66.5978, 46.0054

Protanomaly

59.1911, 66.2032, 44.3091

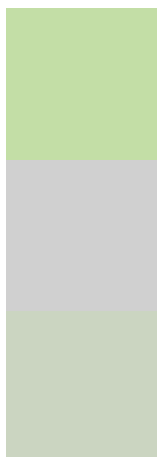
Deuteranomaly

62.7688, 66.1111, 46.9886

Tritanomaly

59.9057, 66.0342, 68.6200

Monochromacy



Original Color

55.5099, 66.5978, 46.0054

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.0485, 64.1353, 59.7719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5099, 66.5978, 46.0054 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(195, 222, 166)` looks like.

```
.text, #text, p{  
    color:rgb(195, 222, 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(195, 222, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 222, 166) }
```

Border

The CSS property to change the border of an element to XYZ 55.5099, 66.5978, 46.0054 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(195, 222, 166) }
```


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

```
.border{ border-color:rgb(195, 222, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 222, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 222, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 222, 166);  
box-shadow:4px 4px 4px 4px rgb(195, 222,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5099, 66.5978, 46.0054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 222, 166) }
```

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

```
.background{ background-color: rgb(195,  
222, 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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