

Converting Colors

XYZ(45.4770, 55.7886, 27.4410)

Have a look what the booklet for
XYZ(45.4770, 55.7886, 27.4410)
contains.

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Color

**XYZ(45.4766, 55.7882,
27.4401)**

Conversions

Conversions Part 1

Format	Color
Hex	B8CE7C
RGB	184, 206, 124
RGB Percent	72%, 81%, 49%
CMY	0.2784, 0.1921, 0.5137
CMYK	0.11, 0.00, 0.40, 0.19
HSL	76°, 46%, 65%
HSV	76°, 40%, 81%
XYZ	45.4766, 55.7882, 27.4401
YIQ	190.0740, 13.2100, -30.1660

Conversions

Conversions Part 2

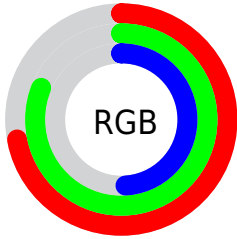
Format	Color
RYB	124, 206, 146
Decimal	12111484
CIELab	79.49, -20.54, 38.31
CIElCh	79, 43.472, 118.195
Yxy	55.7882, 0.3533, 0.4335
Android (android.graphics.Color)	4290301564 (0xFFB8CE7C)
YUV	190.0740, -32.5745, -5.3269
Hunter-Lab	74.6915, -22.0288, 30.5021

Details

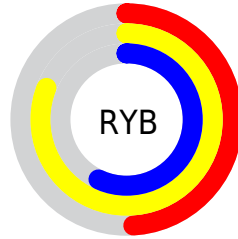
The XYZ color **45.4766, 55.7882, 27.4401** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **30.2044, 24.9840, 61.6261**, and the grayscale version is **49.1639, 51.7242, 56.3277**.

A 20% lighter version of the original color is **80.0715, 93.4351, 55.9340**, and **21.6368, 27.6833, 10.5064** is the 20% darker color. If you saturate the color by 10%, you get **43.0096, 54.6533, 21.2203**, and if you desaturate by 10%, it is **48.2703, 57.0636, 35.0980**.

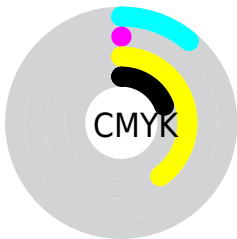
Distribution



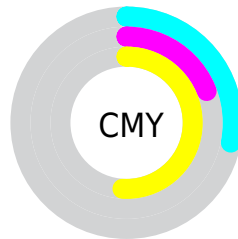
- Red (72%)
- Green (81%)
- Blue (49%)



- Red (49%)
- Yellow (81%)
- Blue (57%)



- Cyan (11%)
- Magenta (0%)
- Yellow (40%)
- Black (19%)



- Cyan (28%)
- Magenta (19%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.4766, 55.7882, 27.4401 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 45.4766, 55.7882, 27.4401 by changing the saturation by 10% instead.

■ 45.4766, 55.7882,
27.4401

■ 45.4766, 55.7882,
27.4401

359.4517,
408.8928, 303.6091

■ 32.0359, 40.0331,
17.6687

■ 82.6678, 98.6948,
56.6016

■ 21.5446, 27.5644,
10.5454

■ 107.1490,
126.6152, 76.8287

■ 13.6374, 17.9975,
5.6517

■ 136.0410,
159.3594, 101.3782

■ 7.9489, 10.9482,
2.5692

169.7093,
197.3120, 130.6685

■ 4.1138, 6.0320,
0.8765

208.5192,
240.8572, 165.1182

■ 1.7667, 2.8646,
0.0000

252.8359,

■ 0.4975, 1.0614,

290.3795, 205.1458

0.0000

303.0250,
346.2632, 251.1699

■ 0.0000, 0.0000,
0.0000

■ 45.4766, 55.7882,
27.4401

■ 45.4766, 55.7882,
27.4401

■ 43.0096, 54.6533,
21.2203

■ 48.2703, 57.0636,
35.0980

■ 40.8475, 53.6444,
16.3450

■ 51.4028, 58.4786,
44.2727

■ 38.9720, 52.7559,
12.7152


■ 54.8903, 60.0418,
55.0413


■ 37.3610, 51.9790,
10.2170


■ 58.7470, 61.7588,
67.4747


■ 35.9881, 51.3031,
8.7152


■ 62.9860, 63.6349,
81.6396


 34.8062, 50.7092,
7.9648

 67.6198, 65.6753,
97.5989

 34.7841, 50.6981,
7.9524

 70.4603, 67.0047,
103.8273

 72.1885, 67.8956,
103.9082

 73.9728, 68.8154,
103.9917

Harmonies

Analogous

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



53.5559, 55.7882, 24.2271



45.4766, 55.7882, 27.4401



39.9902, 55.7882, 38.7505

Triad

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



45.4766, 55.7882, 27.4401



44.6543, 55.7882, 111.4970



71.6524, 55.7882, 62.2719

Complementary

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



45.4766, 55.7882, 27.4401



30.2044, 24.9840, 61.6261

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.



68.6229, 55.7882, 89.7947



45.4766, 55.7882, 27.4401



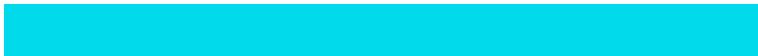
52.4976, 55.7882, 122.6441

Square

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



45.4766, 55.7882, 27.4401



39.5534, 55.7882, 86.4315



61.3656, 55.7882, 113.7843



69.2532, 55.7882, 40.7283

Rectangle

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



45.4766, 55.7882, 27.4401



38.2212, 55.7882, 51.4225



61.3656, 55.7882, 113.7843



71.2291, 55.7882, 71.1286

Sweetspot

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



45.4780, 55.7907, 27.4413



87.5522, 96.6593, 84.8484



39.3520, 35.0954, 23.7696



18.5765, 20.6160, 17.6523



0.0000, 0.0000, 0.0000



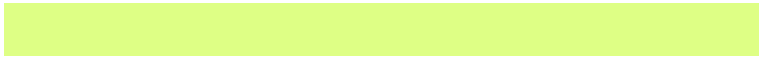
20.3446, 21.4041, 23.3091

Same Dimension

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



45.4780, 55.7907, 27.4413



70.1378, 88.7565, 35.4808



37.0620, 51.4521, 27.0474



11.8488, 12.9394, 11.9525



21.5142, 31.2663, 4.9011



1.1796, 1.6489, 0.2561

Inverse Universe

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



30.2044, 24.9840, 61.6261



41.9926, 31.9329, 98.5581



38.8111, 29.4209, 62.0289



10.8795, 10.9872, 14.1177



7.9194, 3.2901, 36.1739



0.4824, 0.2078, 1.8696

Previews

White Background



This preview shows how the XYZ color 45.4766, 55.7882, 27.4401 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 45.4766, 55.7882, 27.4401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

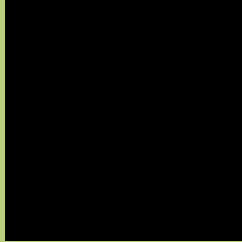
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

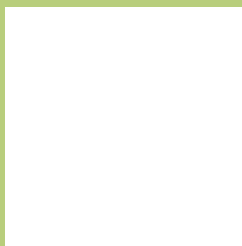
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.4766, 55.7882, 27.4401

Background



This preview shows how black text looks on a background with the XYZ color 45.4766, 55.7882, 27.4401.



This preview shows how white text looks on a background with the XYZ color 45.4766, 55.7882, 27.4401.

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

45.4766, 55.7882, 27.4401

Protanopia

51.3807, 55.7356, 25.8193

Deuteranopia

56.4716, 55.3578, 28.1308



Tritanopia

54.0035, 55.7851, 69.5493

Trichromacy



Original Color

45.4766, 55.7882, 27.4401

Protanomaly

49.0073, 55.5264, 26.2239

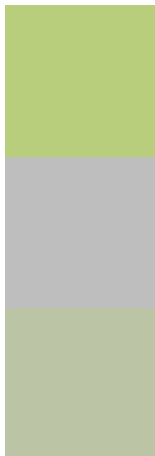
Deuteranomaly

51.9611, 55.3142, 28.0167

Tritanomaly

50.2768, 55.6396, 50.7375

Monochromacy



Original Color

45.4766, 55.7882, 27.4401

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

47.3619, 52.9244, 43.7956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4766, 55.7882, 27.4401 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(184, 206, 124)` looks like.

```
.text, #text, p{  
    color:rgb(184, 206, 124)  
}
```

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(184, 206, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 206, 124) }
```

Border

The CSS property to change the border of an element to XYZ 45.4766, 55.7882, 27.4401 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(184, 206, 124) }
```


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

```
.border{ border-color:rgb(184, 206, 124) }
```

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

Here you see how a box with a 4 pixel rgb(184, 206, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 206, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 206, 124);  
box-shadow:4px 4px 4px 4px rgb(184, 206,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4766, 55.7882, 27.4401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 206, 124) }
```

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

```
.background{ background-color: rgb(184,  
206, 124) }
```

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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