

Converting Colors

XYZ(46.2530, 55.5043, 26.1597)

Have a look what the booklet for
XYZ(46.2530, 55.5043, 26.1597)
contains.

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Color

**XYZ(46.2182, 55.4889,
26.0438)**

Conversions

Conversions Part 1

Format	Color
Hex	BECC78
RGB	190, 204, 120
RGB Percent	75%, 80%, 47%
CMY	0.2549, 0.2000, 0.5294
CMYK	0.07, 0.00, 0.41, 0.20
HSL	70°, 45%, 64%
HSV	70°, 41%, 80%
XYZ	46.2182, 55.4889, 26.0438
YIQ	190.2380, 18.6200, -29.0920

Conversions

Conversions Part 2

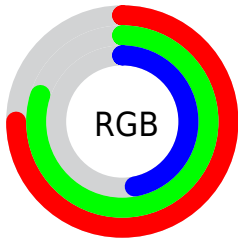
Format	Color
RYB	120, 204, 134
Decimal	12504184
CIELab	79.32, -17.69, 40.20
CIELCh	79, 43.918, 113.750
Yxy	55.4889, 0.3618, 0.4344
Android (android.graphics.Color)	4290694264 (0xFFBECC78)
YUV	190.2380, -34.6273, -0.2087
Hunter-Lab	74.4909, -19.6079, 31.4144

Details

The XYZ color **46.2182, 55.4889, 26.0438** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.4492, 22.8624, 60.0961**, and the grayscale version is **49.2678, 51.8336, 56.4468**.

A 20% lighter version of the original color is **81.6606, 94.3113, 53.4351**, and **21.9722, 27.3933, 9.7596** is the 20% darker color. If you saturate the color by 10%, you get **44.2706, 54.6148, 20.1642**, and if you desaturate by 10%, it is **48.4522, 56.4837, 33.3158**.

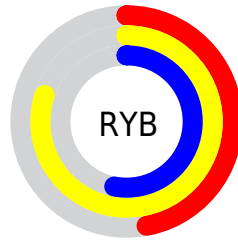
Distribution



Red (75%)

Green (80%)

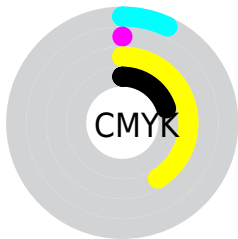
Blue (47%)



Red (47%)

Yellow (80%)

Blue (53%)

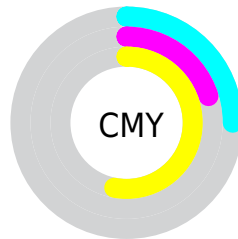


Cyan (7%)

Magenta (0%)

Yellow (41%)

Black (20%)



Cyan (25%)

Magenta (20%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.2182, 55.4889, 26.0438 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 46.2182, 55.4889, 26.0438 by changing the saturation by 10% instead.

■ 46.2182, 55.4889,
26.0438

■ 46.2182, 55.4889,
26.0438

362.3864,
407.7625, 296.6093

■ 32.6234, 39.7933,
16.6304

■ 83.7713, 98.2569,
54.3305

■ 21.9959, 27.3774,
9.8121

■ 108.4604,
126.0981, 74.0409

■ 13.9705, 17.8569,
5.1706

■ 137.5782,
158.7566, 98.0207

■ 8.1817, 10.8473,
2.2872

171.4901,
196.6168, 126.6884

■ 4.2642, 5.9642,
0.7240

210.5616,
240.0631, 160.4626

■ 1.8527, 2.8233,
0.0000

255.1579,

■ 0.5491, 1.0402,

289.4799, 199.7618

0.0000

305.6444,
345.2515, 245.0045

■ 0.0000, 0.0000,
0.0000

■ 46.2182, 55.4889,
26.0438

■ 46.2182, 55.4889,
26.0438

■ 44.2706, 54.6148,
20.1642

■ 48.4522, 56.4837,
33.3158

■ 42.5881, 53.8471,
15.5845

■ 50.9840, 57.5981,
42.0578

■ 41.1533, 53.1807,
12.2066


■ 53.8293, 58.8401,
52.3461


■ 39.9444, 52.6069,
9.9166


■ 57.0016, 60.2153,
64.2503


■ 38.9355, 52.1153,
8.5794

■ 60.5134, 61.7286,
77.8362

 38.1701, 51.7334,
7.9738

 64.3765, 63.3848,
93.1656

 67.3198, 64.6755,
103.5432

 68.3217, 65.1920,
103.5901

 69.3445, 65.7193,
103.6380

Harmonies

Analogous

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



54.6033, 55.4889, 23.9275



46.2182, 55.4889, 26.0438



40.2436, 55.4889, 36.0645

Triad

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



46.2182, 55.4889, 26.0438



43.3588, 55.4889, 108.5011



71.4020, 55.4889, 65.8461

Complementary

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



46.2182, 55.4889, 26.0438



27.4492, 22.8624, 60.0961

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.



67.5889, 55.4889, 93.8227



46.2182, 55.4889, 26.0438



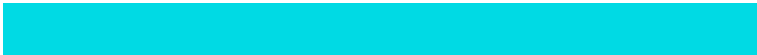
50.9206, 55.4889, 122.4883

Square

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



46.2182, 55.4889, 26.0438



38.7256, 55.4889, 82.0999



59.8493, 55.4889, 116.4800



69.7846, 55.4889, 42.9349

Rectangle

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



46.2182, 55.4889, 26.0438



38.1130, 55.4889, 47.8523



59.8493, 55.4889, 116.4800



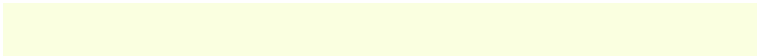
70.7005, 55.4889, 75.0107

Sweetspot

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



46.2196, 55.4914, 26.0450



88.6568, 97.2288, 84.9001



36.8190, 31.2452, 21.8604



18.8377, 20.7506, 17.6646



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.



46.2196, 55.4914, 26.0450



73.7795, 90.6539, 34.7461



37.1977, 50.8405, 25.6228



11.9631, 12.9984, 11.9579



24.0912, 32.5948, 5.0217



1.2929, 1.7073, 0.2614

Inverse Universe

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



27.4492, 22.8624, 60.0961



38.7799, 29.7666, 98.3093



35.5219, 27.0240, 60.4739



10.7732, 10.9324, 14.1127



7.3290, 2.9858, 36.1463



0.4337, 0.1827, 1.8673

Previews

White Background



This preview shows how the XYZ color 46.2182, 55.4889, 26.0438 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 46.2182, 55.4889, 26.0438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

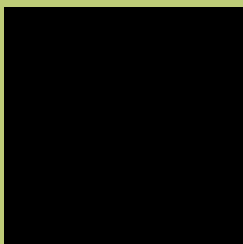
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

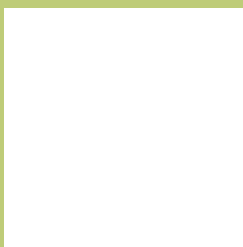
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.2182, 55.4889, 26.0438

Background



This preview shows how black text looks on a background with the XYZ color 46.2182, 55.4889, 26.0438.



This preview shows how white text looks on a background with the XYZ color 46.2182, 55.4889,

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

46.2182, 55.4889, 26.0438

Protanopia

50.9751, 55.2113, 24.7998

Deuteranopia

56.3335, 55.0004, 26.7158



Tritanopia

54.8878, 55.6045, 68.1614

Trichromacy



Original Color

46.2182, 55.4889, 26.0438

Protanomaly

49.1470, 55.2767, 25.2187

Deuteranomaly

52.1603, 54.7856, 26.5644

Tritanomaly

51.1559, 55.4328, 49.5984

Monochromacy



Original Color

46.2182, 55.4889, 26.0438

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

47.5418, 52.6940, 43.2625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2182, 55.4889, 26.0438 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(190, 204, 120)` looks like.

```
.text, #text, p{  
    color:rgb(190, 204, 120)  
}
```

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(190, 204, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 204, 120) }
```

Border

The CSS property to change the border of an element to XYZ 46.2182, 55.4889, 26.0438 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(190, 204, 120) }
```


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

```
.border{ border-color:rgb(190, 204, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 204, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 204, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 204, 120);  
box-shadow:4px 4px 4px 4px rgb(190, 204,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2182, 55.4889, 26.0438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 204, 120) }
```

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

```
.background{ background-color: rgb(190,  
204, 120) }
```

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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