

Converting Colors

XYZ(30.6256, 57.5673, 10.4311)

Have a look what the booklet for
XYZ(30.6256, 57.5673, 10.4311)
contains.

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Color

**XYZ(30.7870, 57.8571,
10.4646)**

Conversions

Conversions Part 1

Format	Color
Hex	43E619
RGB	67, 230, 25
RGB Percent	26%, 90%, 10%
CMY	0.7373, 0.0980, 0.9019
CMYK	0.71, 0.00, 0.89, 0.10
HSL	108°, 80%, 50%
HSV	108°, 89%, 90%
XYZ	30.7870, 57.8571, 10.4646
YIQ	157.8930, -31.3430, -98.3110

Conversions

Conversions Part 2

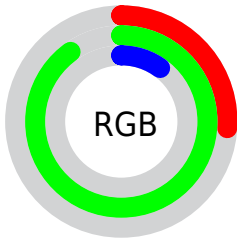
Format	Color
RYB	25, 230, 188
Decimal	4449817
CIELab	80.66, -73.25, 75.04
CIElCh	81, 104.867, 134.308
Yxy	57.8571, 0.3106, 0.5838
Android (android.graphics.Color)	4282639897 (0xFF43E619)
YUV	157.8930, -65.5162, -79.7132
Hunter-Lab	76.0639, -60.8635, 45.0878

Details

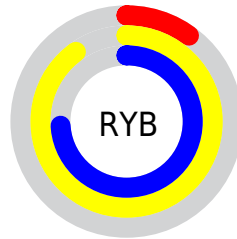
The XYZ color **30.7870, 57.8571, 10.4646** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **35.3756, 17.1033, 76.3028**, and the grayscale version is **32.7508, 34.4564, 37.5230**.

A 20% lighter version of the original color is **48.3068, 77.7495, 23.2876**, and **14.9436, 29.8871, 4.9812** is the 20% darker color. If you saturate the color by 10%, you get **29.5617, 57.2462, 9.5494**, and if you desaturate by 10%, it is **32.6045, 58.7544, 12.4204**.

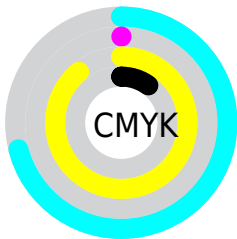
Distribution



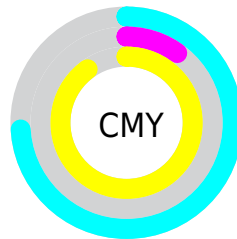
- Red (26%)
- Green (90%)
- Blue (10%)



- Red (10%)
- Yellow (90%)
- Blue (74%)



- Cyan (71%)
- Magenta (0%)
- Yellow (89%)
- Black (10%)




- Cyan (74%)
- Magenta (10%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7870, 57.8571, 10.4646 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 30.7870, 57.8571, 10.4646 by changing the saturation by 10% instead.


 30.7870, 57.8571,
10.4646


 30.7870, 57.8571,
10.4646


297.4003,
416.6532, 204.5604

 20.5877, 41.6938,
5.5985


 60.2827, 101.7147,
27.2871

 12.9337, 28.8616,
2.5377


 80.3098, 130.1778,
40.0806


 7.4596, 18.9761,
0.8600


 104.3437,
163.5097, 56.3536

 3.8000, 11.6530,
0.0000

 132.7495,
202.0946, 76.5247

 1.5896, 6.5079,
0.0000

 165.8927,
246.3170, 101.0123

 0.3856, 3.1563,
0.0000

 204.1387,

 0.0000, 1.2139,

296.5613, 130.2352

0.0000

247.8528,
353.2119, 164.6117

■ 0.0000, 0.0730,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 30.7870, 57.8571,
10.4646

■ 30.7870, 57.8571,
10.4646

■ 29.5617, 57.2462,
9.5494


■ 32.6045, 58.7544,
12.4204


■ 29.4752, 57.2029,
9.4878

■ 35.0960, 59.9691,
15.6895


■ 38.3266, 61.5324,
20.4506


■ 42.3518, 63.4700,
26.8538

 47.2218, 65.8046,
35.0306

 52.9823, 68.5573,
45.0994

 59.6757, 71.7477,
57.1683

 67.3417, 75.3940,
71.3373

 76.0175, 79.5134,
87.6997

Harmonies

Analogous

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



45.3545, 57.8571, 3.7446



30.7870, 57.8571, 10.4646



23.9196, 57.8571, 35.9958

Triad

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



30.7870, 57.8571, 10.4646



44.5078, 57.8571, 260.8487



105.8385, 57.8571, 37.9404

Complementary

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



30.7870, 57.8571, 10.4646



35.3756, 17.1033, 76.3028

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.



105.4373, 57.8571, 100.9454



30.7870, 57.8571, 10.4646



65.9050, 57.8571, 262.7705

Square

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



30.7870, 57.8571, 10.4646



30.3077, 57.8571, 187.9266



89.3950, 57.8571, 192.1673



90.3791, 57.8571, 11.0905

Rectangle

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



30.7870, 57.8571, 10.4646



23.1079, 57.8571, 72.3586



89.3950, 57.8571, 192.1673



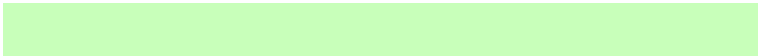
107.6602, 57.8571, 54.4790

Sweetspot

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



30.7883, 57.8595, 10.4659



68.5254, 87.3855, 59.7934



50.2828, 51.8393, 8.2764



14.0873, 18.4274, 11.7671



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.



30.7883, 57.8595, 10.4659



37.1879, 72.2561, 11.9868



30.2643, 57.4289, 17.6928



14.4637, 16.2306, 15.2750



16.7673, 32.4253, 5.3750



1.3146, 2.4351, 0.4007

Inverse Universe

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



35.3756, 17.1033, 76.3028



42.6169, 19.8847, 96.1997



40.4216, 20.4953, 40.8171



14.6909, 14.4584, 18.1608



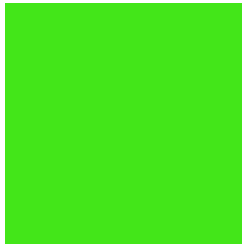
19.2315, 8.9801, 43.1029



1.4943, 0.7013, 3.1886

Previews

White Background



This preview shows how the XYZ color 30.7870, 57.8571, 10.4646 looks on a white background.

Color Contrast Check

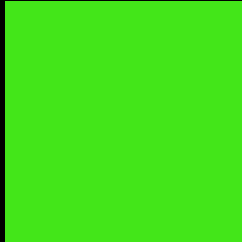
Large Text (above 18pt) WCAG AA × Fail

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 30.7870, 57.8571, 10.4646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

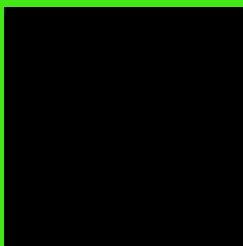
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

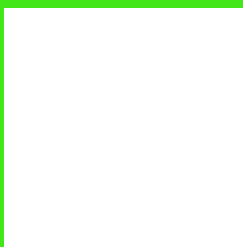
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.7870, 57.8571, 10.4646

Background



This preview shows how black text looks on a background with the XYZ color 30.7870, 57.8571, 10.4646.



This preview shows how white text looks on a background with the XYZ color 30.7870, 57.8571,

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

30.7870, 57.8571, 10.4646

Protanopia

51.2243, 56.7183, 8.5645

Deuteranopia

57.7160, 56.3725, 11.3291



Tritanopia

45.4098, 57.4401, 84.2950

Trichromacy



Original Color

30.7870, 57.8571, 10.4646



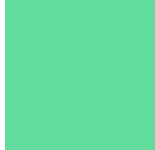
Protanomaly

39.0765, 54.3461, 8.9205



Deuteranomaly

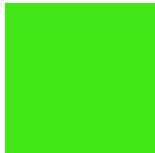
41.3204, 52.9536, 10.3287



Tritanomaly

36.5237, 56.1281, 40.3613

Monochromacy



Original Color

30.7870, 57.8571, 10.4646



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

28.4124, 39.7667, 20.9301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7870, 57.8571, 10.4646 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(67, 230, 25)` looks like.

```
.text, #text, p{  
    color:rgb(67, 230, 25)  
}
```

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(67, 230, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 230, 25) }
```

Border

The CSS property to change the border of an element to XYZ 30.7870, 57.8571, 10.4646 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(67, 230, 25) }
```


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

```
.border{ border-color:rgb(67, 230, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 230, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 230, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 230, 25);  
box-shadow:4px 4px 4px 4px rgb(67, 230,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7870, 57.8571, 10.4646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 230, 25) }
```

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

```
.background{ background-color: rgb(67, 230,  
25) }
```

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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