

Converting Colors

XYZ(30.5381, 45.4560, 33.0716)

Have a look what the booklet for
XYZ(30.5381, 45.4560, 33.0716)
contains.

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Color

**XYZ(30.5269, 45.4827,
33.1567)**

Conversions

Conversions Part 1

Format	Color
Hex	63C78F
RGB	99, 199, 143
RGB Percent	39%, 78%, 56%
CMY	0.6118, 0.2196, 0.4392
CMYK	0.50, 0.00, 0.28, 0.22
HSL	146°, 47%, 58%
HSV	146°, 50%, 78%
XYZ	30.5269, 45.4827, 33.1567
YIQ	162.7160, -41.6240, -38.6160

Conversions

Conversions Part 2

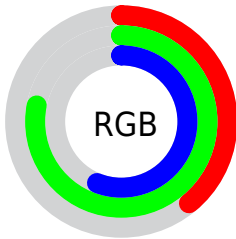
Format	Color
RYB	99, 168, 199
Decimal	6539151
CIELab	73.21, -42.11, 19.25
CIElCh	73, 46.299, 155.428
Yxy	45.4827, 0.2796, 0.4166
Android (android.graphics.Color)	4284729231 (0xFF63C78F)
YUV	162.7160, -9.7200, -55.8789
Hunter-Lab	67.4409, -37.2240, 18.0592

Details

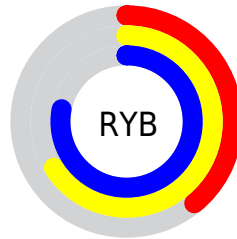
The XYZ color **30.5269, 45.4827, 33.1567** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **33.9328, 23.4332, 33.7464**, and the grayscale version is **34.7382, 36.5473, 39.8000**.

A 20% lighter version of the original color is **59.3556, 82.5198, 65.6229**, and **12.7417, 21.1506, 13.5361** is the 20% darker color. If you saturate the color by 10%, you get **27.8123, 44.1772, 28.8399**, and if you desaturate by 10%, it is **33.8635, 47.1016, 37.9424**.

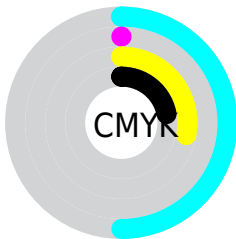
Distribution



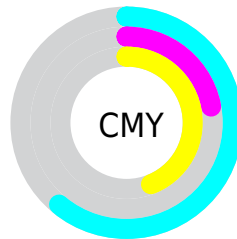
- Red (39%)
- Green (78%)
- Blue (56%)



- Red (39%)
- Yellow (66%)
- Blue (78%)



- Cyan (50%)
- Magenta (0%)
- Yellow (28%)
- Black (22%)





- Cyan (61%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5269, 45.4827, 33.1567 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 30.5269, 45.4827, 33.1567 by changing the saturation by 10% instead.


 30.5269, 45.4827,
33.1567


 30.5269, 45.4827,
33.1567


296.2187,
368.7250, 331.0089


 20.3889, 31.8378,
21.9744


 59.8754, 83.4443,
65.7389


 12.7880, 21.2376,
13.6400


 79.8166, 108.5298,
87.9760

 7.3587, 13.2978,
7.7348


 103.7562,
138.1975, 114.7350

 3.7357, 7.6339,
3.8404

 132.0597,
172.8320, 146.4345

 1.5537, 3.8616,
1.5382

165.0923,
212.8176, 183.4931

 0.3620, 1.5965,
0.2461

203.2195,

 0.0000, 0.3552,

258.5387, 226.3294

0.0000

246.8065,
310.3797, 275.3618

■ 0.0000, 0.0000,
0.0000

■ 30.5269, 45.4827,
33.1567

■ 30.5269, 45.4827,
33.1567

■ 27.8123, 44.1772,
28.8399

■ 33.8635, 47.1016,
37.9424

■ 25.6735, 43.1580,
24.9743

■ 37.8568, 49.0478,
43.2080

■ 24.0635, 42.4022,
21.5453

■ 42.5430, 51.3410,
48.9678

■ 22.9254, 41.8810,
18.5362

■ 47.9548, 53.9978,
55.2346

■ 22.1676, 41.5459,
15.9882

■ 54.1226, 57.0336,
62.0207

61.0750, 60.4629,
69.3380

68.8391, 64.2995,
77.1979

76.2520, 67.9437,
85.5560

77.8874, 68.5979,
94.1680

Harmonies

Analogous

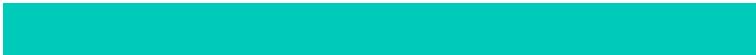
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.7951, 45.4827, 21.2892



30.5269, 45.4827, 33.1567



29.4734, 45.4827, 53.8749

Triad

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



30.5269, 45.4827, 33.1567



44.7240, 45.4827, 108.7183



57.2434, 45.4827, 27.8592

Complementary

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



30.5269, 45.4827, 33.1567



33.9328, 23.4332, 33.7464

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.



60.7133, 45.4827, 45.4119



30.5269, 45.4827, 33.1567



52.9284, 45.4827, 95.6334

Square

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



30.5269, 45.4827, 33.1567



37.0561, 45.4827, 102.3447



59.0432, 45.4827, 70.5449



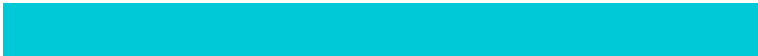
50.0540, 45.4827, 18.9694

Rectangle

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



30.5269, 45.4827, 33.1567



30.6051, 45.4827, 71.3141



59.0432, 45.4827, 70.5449



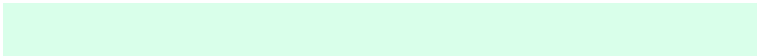
58.9219, 45.4827, 32.6955

Sweetspot

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



30.5281, 45.4846, 33.1577



79.0920, 92.1498, 91.1439



36.3229, 48.7845, 19.3066



16.5014, 19.5140, 19.0105



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.



30.5281, 45.4846, 33.1577



48.4309, 77.2214, 50.0460



35.1219, 47.3221, 57.3481



10.6881, 11.9641, 12.3076



14.2961, 26.7308, 10.5040



0.7132, 1.2802, 0.6884

Inverse Universe

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



33.9328, 23.4332, 33.7464



55.0341, 34.3798, 51.1321



30.6005, 22.1003, 16.1983



10.8784, 10.7347, 12.3428



17.0506, 8.5698, 10.7421



0.8433, 0.4202, 0.6981

Previews

White Background



This preview shows how the XYZ color 30.5269, 45.4827, 33.1567 looks on a white background.

Color Contrast Check

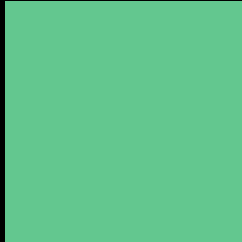
Large Text (above 18pt) WCAG AA × Fail

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 30.5269, 45.4827, 33.1567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

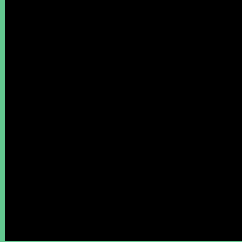
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.5269, 45.4827, 33.1567

Background



This preview shows how black text looks on a background with the XYZ color 30.5269, 45.4827, 33.1567.



This preview shows how white text looks on a background with the XYZ color 30.5269, 45.4827,

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

30.5269, 45.4827, 33.1567

Protanopia

41.7093, 44.6384, 28.9720

Deuteranopia

45.6309, 44.7968, 34.6754



Tritanopia

36.9738, 45.4308, 65.2128

Trichromacy



Original Color

30.5269, 45.4827, 33.1567



Protanomaly

36.1748, 44.1931, 30.2904



Deuteranomaly

37.9308, 43.7780, 34.0546



Tritanomaly

34.2694, 45.3175, 51.7407

Monochromacy



Original Color

30.5269, 45.4827, 33.1567



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

32.3413, 39.0264, 37.2808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5269, 45.4827, 33.1567 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(99, 199, 143)` looks like.

```
.text, #text, p{  
    color:rgb(99, 199, 143)  
}
```

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(99, 199, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 199, 143) }
```

Border

The CSS property to change the border of an element to XYZ 30.5269, 45.4827, 33.1567 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(99, 199, 143) }
```


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

```
.border{ border-color:rgb(99, 199, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 199, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 199, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 199, 143);  
box-shadow:4px 4px 4px 4px rgb(99, 199,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5269, 45.4827, 33.1567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 199, 143) }
```

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

```
.background{ background-color: rgb(99, 199,  
143) }
```

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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