

Converting Colors

XYZ(30.9963, 44.5194, 27.1188)

Have a look what the booklet for
XYZ(30.9963, 44.5194, 27.1188)
contains.

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Color

**XYZ(30.9536, 44.4845,
27.0336)**

Conversions

Conversions Part 1

Format	Color
Hex	77C37F
RGB	119, 195, 127
RGB Percent	47%, 76%, 50%
CMY	0.5333, 0.2353, 0.5020
CMYK	0.39, 0.00, 0.35, 0.24
HSL	126°, 39%, 62%
HSV	126°, 39%, 76%
XYZ	30.9536, 44.4845, 27.0336
YIQ	164.5240, -23.4680, -37.2600

Conversions

Conversions Part 2

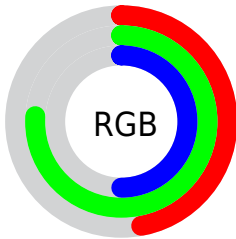
Format	Color
RYB	119, 188, 195
Decimal	7848831
CIELab	72.55, -37.68, 26.97
CIElCh	73, 46.342, 144.407
Yxy	44.4845, 0.3021, 0.4341
Android (android.graphics.Color)	4286038911 (0xFF77C37F)
YUV	164.5240, -18.4993, -39.9245
Hunter-Lab	66.6967, -33.8783, 22.6562

Details

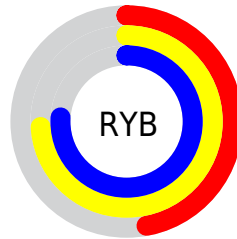
The XYZ color **30.9536, 44.4845, 27.0336** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **38.0735, 28.3844, 50.4873**, and the grayscale version is **35.6310, 37.4865, 40.8228**.

A 20% lighter version of the original color is **60.5042, 81.9148, 55.8022**, and **13.0444, 20.7094, 10.3310** is the 20% darker color. If you saturate the color by 10%, you get **27.5067, 42.8290, 21.4421**, and if you desaturate by 10%, it is **35.1488, 46.5055, 33.6900**.

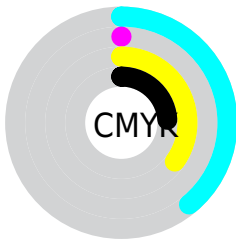
Distribution



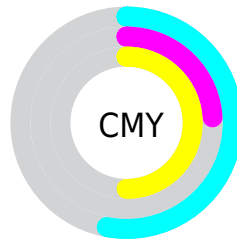
- Red (47%)
- Green (76%)
- Blue (50%)



- Red (47%)
- Yellow (74%)
- Blue (76%)



- Cyan (39%)
- Magenta (0%)
- Yellow (35%)
- Black (24%)



- Cyan (53%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9536, 44.4845, 27.0336 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 30.9536, 44.4845, 27.0336 by changing the saturation by 10% instead.


 30.9536, 44.4845,
27.0336


 30.9536, 44.4845,
27.0336


298.1552,
364.6817, 301.5851


 20.7152, 31.0516,
17.3658


 60.5434, 81.9463,
55.9422

 13.0272, 20.6381,
10.3309


 80.6254, 106.7440,
76.0200

 7.5244, 12.8597,
5.5105

 104.7193,
136.0987, 100.4050

 3.8414, 7.3320,
2.4858

133.1905,
170.3949, 129.5156

 1.6128, 3.6706,
0.8326

166.4044,
210.0168, 163.7703

 0.4007, 1.4911,
0.0000

204.7262,

 0.0000, 0.2824,

255.3491, 203.5878

0.0000

248.5214,
306.7759, 249.3865

■ 0.0000, 0.0000,
0.0000

■ 30.9536, 44.4845,
27.0336

■ 30.9536, 44.4845,
27.0336

■ 27.5067, 42.8290,
21.4421

■ 35.1488, 46.5055,
33.6900

■ 24.7607, 41.5121,
16.8574

■ 40.1293, 48.9062,
41.4592

■ 22.6682, 40.5117,
13.2205


■ 45.9336, 51.7068,
50.3901


■ 21.1742, 39.8009,
10.4650


■ 52.5968, 54.9243,
60.5277


■ 20.2150, 39.3486,
8.5162


■ 60.1519, 58.5749,
71.9145

 19.6889, 39.1041,
7.2853

 68.6301, 62.6738,
84.5910

 19.6470, 39.0844,
7.1953

 77.8759, 67.1400,
98.5872

 78.8060, 67.5120,
103.4853

Harmonies

Analogous

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



36.2313, 44.4845, 18.3507



30.9536, 44.4845, 27.0336



28.7315, 44.4845, 44.2637

Triad

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



30.9536, 44.4845, 27.0336



40.7980, 44.4845, 106.9277



57.9130, 44.4845, 32.4009

Complementary

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



30.9536, 44.4845, 27.0336



38.0735, 28.3844, 50.4873

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.



59.5350, 44.4845, 52.8627



30.9536, 44.4845, 27.0336



48.9696, 44.4845, 100.7247

Square

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



30.9536, 44.4845, 27.0336



33.9363, 44.4845, 93.8829



56.0816, 44.4845, 78.9085



51.8928, 44.4845, 20.6945

Rectangle

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



30.9536, 44.4845, 27.0336



29.0503, 44.4845, 60.2600



56.0816, 44.4845, 78.9085



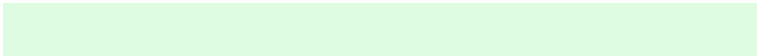
59.0202, 44.4845, 38.2698

Sweetspot

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



30.9547, 44.4864, 27.0346



78.7617, 90.9131, 84.8782



43.4383, 50.9797, 25.0036



16.9395, 19.7602, 18.1134



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.



30.9547, 44.4864, 27.0346



49.9622, 77.0399, 39.5493



33.8793, 45.6562, 42.4349



9.9866, 11.2757, 10.9327



12.7843, 25.4078, 4.7571



0.5671, 1.1037, 0.2834

Inverse Universe

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



38.0735, 28.3844, 50.4873



64.5274, 44.0629, 87.5100



34.5606, 26.9792, 31.9883



10.4501, 10.2287, 12.4609



19.6415, 9.5463, 27.0878



0.8620, 0.4178, 1.2409

Previews

White Background



This preview shows how the XYZ color 30.9536, 44.4845, 27.0336 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 30.9536, 44.4845, 27.0336 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 30.9536, 44.4845, 27.0336

Background



This preview shows how black text looks on a background with the XYZ color 30.9536, 44.4845, 27.0336.



This preview shows how white text looks on a background with the XYZ color 30.9536, 44.4845,

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

30.9536, 44.4845, 27.0336

Protanopia

40.7901, 43.9827, 23.7924

Deuteranopia

44.9029, 43.9982, 28.3162



Tritanopia

37.9330, 44.4032, 61.8297

Trichromacy



Original Color

30.9536, 44.4845, 27.0336



Protanomaly

36.1704, 43.6855, 24.9381



Deuteranomaly

38.1213, 43.1090, 27.7844



Tritanomaly

34.8908, 44.1183, 46.7211

Monochromacy



Original Color

30.9536, 44.4845, 27.0336



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

33.3240, 39.5809, 35.1617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9536, 44.4845, 27.0336 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(119, 195, 127)` looks like.

```
.text, #text, p{  
    color:rgb(119, 195, 127)  
}
```

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(119, 195, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 195, 127) }
```

Border

The CSS property to change the border of an element to XYZ 30.9536, 44.4845, 27.0336 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(119, 195, 127) }
```


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

```
.border{ border-color:rgb(119, 195, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 195, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 195, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 195, 127);  
box-shadow:4px 4px 4px 4px rgb(119, 195,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9536, 44.4845, 27.0336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 195, 127) }
```

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

```
.background{ background-color: rgb(119,  
195, 127) }
```

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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