

Converting Colors

XYZ(27.5426, 39.8521, 15.6359)

Have a look what the booklet for
XYZ(27.5426, 39.8521, 15.6359)
contains.

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Color

**XYZ(27.4643, 39.7043,
15.6674)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB959
RGB	124, 185, 89
RGB Percent	49%, 73%, 35%
CMY	0.5137, 0.2745, 0.6510
CMYK	0.33, 0.00, 0.52, 0.27
HSL	98°, 41%, 54%
HSV	98°, 52%, 73%
XYZ	27.4643, 39.7043, 15.6674
YIQ	155.8170, -5.5400, -42.7880

Conversions

Conversions Part 2

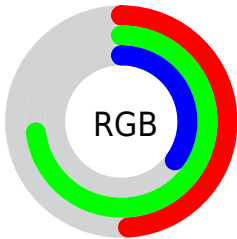
Format	Color
RYB	89, 185, 150
Decimal	8173913
CIELab	69.26, -36.94, 42.19
CIELCh	69, 56.076, 131.198
Yxy	39.7043, 0.3316, 0.4793
Android (android.graphics.Color)	4286363993 (0xFF7CB959)
YUV	155.8170, -32.9408, -27.9035
Hunter-Lab	63.0113, -32.4684, 29.3658

Details

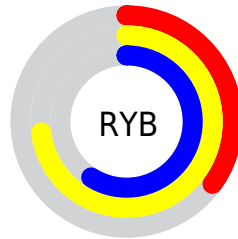
The XYZ color **27.4643, 39.7043, 15.6674** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **24.9090, 17.1329, 47.8953**, and the grayscale version is **31.6632, 33.3121, 36.2769**.

A 20% lighter version of the original color is **54.8534, 74.4174, 36.6722**, and **11.0810, 17.7187, 4.7555** is the 20% darker color. If you saturate the color by 10%, you get **25.1844, 38.6089, 12.0028**, and if you desaturate by 10%, it is **30.1440, 40.9856, 20.3714**.

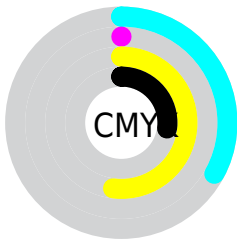
Distribution



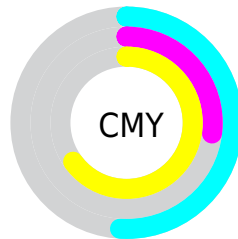
- Red (49%)
- Green (73%)
- Blue (35%)



- Red (35%)
- Yellow (73%)
- Blue (59%)



- Cyan (33%)
- Magenta (0%)
- Yellow (52%)
- Black (27%)



- Cyan (51%)
- Magenta (27%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4643, 39.7043, 15.6674 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 27.4643, 39.7043, 15.6674 by changing the saturation by 10% instead.

■ 27.4643, 39.7043,
15.6674

■ 27.4643, 39.7043,
15.6674

282.0249,
344.8757, 239.1494

■ 18.0606, 27.3081,
9.1373

■ 55.0427, 74.7130,
36.7785

■ 11.0935, 17.8047,
4.7328

■ 73.9481, 98.0943,
52.1967

■ 6.1975, 10.8099,
2.0354

■ 96.7514, 125.9060,
71.4146

■ 3.0073, 5.9391,
0.5769

■ 123.8181,
158.5327, 94.8508

■ 1.1576, 2.8081,
0.0000

155.5134,
196.3585, 122.9238

■ 0.0725, 1.0324,
0.0000

192.2028,

■ 0.0000, 0.0000,

239.7681, 156.0522

0.0000

234.2515,
289.1456, 194.6546

■ 27.4643, 39.7043,
15.6674

■ 27.4643, 39.7043,
15.6674

■ 25.1844, 38.6089,
12.0028

■ 30.1440, 40.9856,
20.3714

■ 23.2793, 37.6848,
9.2960

■ 33.2406, 42.4566,
26.1829

■ 21.7255, 36.9228,
7.4577

■ 36.7738, 44.1271,
33.1672

■ 20.4946, 36.3109,
6.3805

■ 40.7610, 46.0048,
41.3839

■ 19.6950, 35.9086,
5.8930

■ 45.2185, 48.0970,
50.8885

■ 50.1619, 50.4105,
61.7332

■ 55.6059, 52.9518,
73.9671

■ 61.5648, 55.7273,
87.6370

■ 67.9704, 58.7104,
102.3575

Harmonies

Analogous

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



34.4812, 39.7043, 10.5942



27.4643, 39.7043, 15.6674



23.6327, 39.7043, 29.1658

Triad

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



27.4643, 39.7043, 15.6674



32.4394, 39.7043, 109.0162



57.3475, 39.7043, 34.3170

Complementary

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



27.4643, 39.7043, 15.6674



24.9090, 17.1329, 47.8953

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.



56.5674, 39.7043, 61.2176



27.4643, 39.7043, 15.6674



41.1932, 39.7043, 112.1923

Square

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



27.4643, 39.7043, 15.6674



26.1745, 39.7043, 84.6934



50.2985, 39.7043, 92.1662



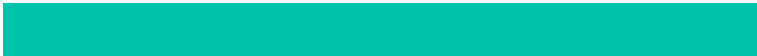
52.2859, 39.7043, 18.1458

Rectangle

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



27.4643, 39.7043, 15.6674



22.9670, 39.7043, 44.2743



50.2985, 39.7043, 92.1662



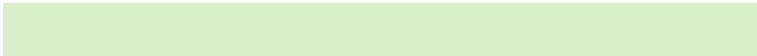
57.7783, 39.7043, 42.2047

Sweetspot

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



27.4653, 39.7060, 15.6683



69.7765, 80.8741, 67.4059



32.6869, 32.7862, 14.0574



14.7302, 17.2877, 13.8890



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



27.4653, 39.7060, 15.6683



44.6873, 68.9442, 20.8693



23.8584, 37.7790, 18.5538



9.1912, 10.2152, 9.5942



13.4837, 24.4874, 4.0159



0.5444, 0.8989, 0.1448

Inverse Universe

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



24.9090, 17.1329, 47.8953



39.5661, 24.1498, 84.7806



31.0472, 20.4464, 41.4427



9.0549, 8.9946, 11.3383



11.0913, 5.0290, 31.6392



0.4564, 0.2110, 1.1184

Previews

White Background



This preview shows how the XYZ color 27.4643, 39.7043, 15.6674 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 27.4643, 39.7043, 15.6674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

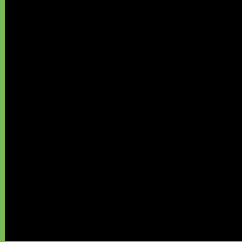
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.4643, 39.7043, 15.6674

Background



This preview shows how black text looks on a background with the XYZ color 27.4643, 39.7043, 15.6674.



This preview shows how white text looks on a background with the XYZ color 27.4643, 39.7043,

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

27.4643, 39.7043, 15.6674

Protanopia

36.0379, 39.4551, 14.1037

Deuteranopia

39.9873, 39.2951, 16.3036



Tritanopia

35.0284, 39.4784, 53.3509

Trichromacy



Original Color

27.4643, 39.7043, 15.6674

Protanomaly

32.1139, 39.1184, 14.6621

Deuteranomaly

34.2550, 38.7699, 16.0338

Tritanomaly

31.4194, 39.1761, 35.6115

Monochromacy



Original Color

27.4643, 39.7043, 15.6674

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

29.4852, 35.2327, 27.0763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4643, 39.7043, 15.6674 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(124, 185, 89)` looks like.

```
.text, #text, p{  
    color:rgb(124, 185, 89)  
}
```

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(124, 185, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 185, 89) }
```

Border

The CSS property to change the border of an element to XYZ 27.4643, 39.7043, 15.6674 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(124, 185, 89) }
```


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

```
.border{ border-color:rgb(124, 185, 89) }
```

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

Here you see how a box with a 4 pixel rgb(124, 185, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 185, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 185, 89);  
box-shadow:4px 4px 4px 4px rgb(124, 185,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4643, 39.7043, 15.6674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 185, 89) }
```

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

```
.background{ background-color: rgb(124,  
185, 89) }
```

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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