

Converting Colors

XYZ(27.4162, 43.8343, 19.5862)

Have a look what the booklet for
XYZ(27.4162, 43.8343, 19.5862)
contains.

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Color

**XYZ(27.4162, 43.8343,
19.5862)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 60C666 |
| RGB | 96, 198, 102 |
| RGB Percent | 38%, 78%, 40% |
| CMY | 0.6235, 0.2235, 0.6000 |
| CMYK | 0.52, 0.00, 0.48, 0.22 |
| HSL | 124°, 47%, 58% |
| HSV | 124°, 52%, 78% |
| XYZ | 27.4162, 43.8343, 19.5862 |
| YIQ | 156.5580, -29.9760, -51.4800 |

Conversions

Conversions Part 2

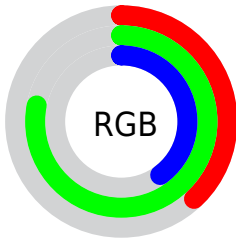
| Format | Color |
|-------------------------------------|--|
| RYB | 96, 192, 198 |
| Decimal | 6342246 |
| CIELab | 72.12, -49.45, 39.03 |
| CIELCh | 72, 62.998, 141.720 |
| Yxy | 43.8343, 0.3018, 0.4826 |
| Android (android.graphics.Color) | 4284532326 (0xFF60C666) |
| YUV | 156.5580, -26.8971, -53.1094 |
| Hunter-Lab | 66.2075, -41.9471, 28.8054 |

Details

The XYZ color **27.4162, 43.8343, 19.5862** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **36.9873, 24.1780, 52.5876**, and the grayscale version is **31.9767, 33.6420, 36.6361**.

A 20% lighter version of the original color is **54.8133, 80.6589, 43.6901**, and **11.0380, 20.1999, 6.5660** is the 20% darker color. If you saturate the color by 10%, you get **24.7669, 42.5649, 15.1686**, and if you desaturate by 10%, it is **30.8000, 45.4609, 25.1244**.

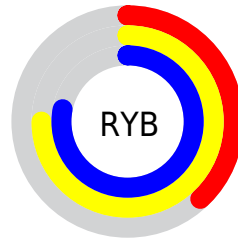
Distribution



Red (38%)

Green (78%)

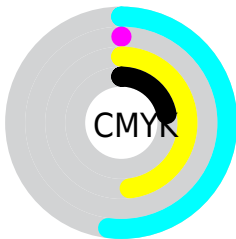
Blue (40%)



Red (38%)

Yellow (75%)

Blue (78%)

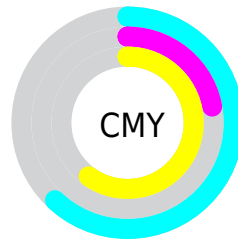


Cyan (52%)

Magenta (0%)

Yellow (48%)

Black (22%)



Cyan (62%)

Magenta (22%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4162, 43.8343, 19.5862 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 27.4162, 43.8343, 19.5862 by changing the saturation by 10% instead.

■ 27.4162, 43.8343,
19.5862

■ 27.4162, 43.8343,
19.5862

281.7976,
362.0317, 262.1958

■ 18.0242, 30.5403,
11.9135

■ 54.9662, 80.9683,
43.5721

■ 11.0672, 20.2490,
6.5630

■ 73.8550, 105.5771,
60.7225

■ 6.1797, 12.5762,
3.1161

■ 96.6400, 134.7263,
81.8691

■ 2.9963, 7.1374,
1.1542

■ 123.6868,
168.8003, 107.4306

■ 1.1518, 3.5482,
0.0000

155.3606,
208.1834, 137.8255

■ 0.0678, 1.4242,
0.0000

192.0267,

■ 0.0000, 0.2344,

253.2601, 173.4723

0.0000

234.0506,
304.4147, 214.7895

■ 0.0000, 0.0000,
0.0000

■ 27.4162, 43.8343,
19.5862

■ 27.4162, 43.8343,
19.5862

■ 24.7669, 42.5649,
15.1686

■ 30.8000, 45.4609,
25.1244

■ 22.7947, 41.6208,
11.7926

■ 34.9638, 47.4629,
31.8493

■ 21.4387, 40.9739,
9.3736

■ 39.9534, 49.8638,
39.8253

■ 20.6258, 40.5886,
7.8124

■ 45.8099, 52.6835,
49.1114

■ 20.2592, 40.4157,
7.0700

■ 52.5718, 55.9406,
59.7627

■ 60.2753, 59.6527,
71.8313

■ 68.9545, 63.8364,
85.3666

■ 78.6419, 68.5074,
100.4154

■ 79.4850, 68.8700,
103.7117

Harmonies

Analogous

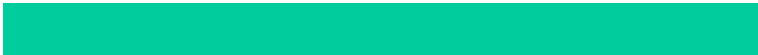
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.4523, 43.8343, 11.0902



27.4162, 43.8343, 19.5862



24.3311, 43.8343, 39.6786

Triad

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



27.4162, 43.8343, 19.5862



38.7486, 43.8343, 133.8882



64.0425, 43.8343, 28.9549

Complementary

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



27.4162, 43.8343, 19.5862



36.9873, 24.1780, 52.5876

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.



65.7298, 43.8343, 56.7986



27.4162, 43.8343, 19.5862



49.8159, 43.8343, 126.8611

Square

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



27.4162, 43.8343, 19.5862



30.0947, 43.8343, 111.1524



60.1480, 43.8343, 94.7668



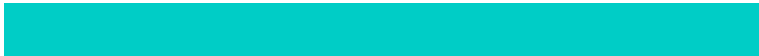
55.8710, 43.8343, 14.6457

Rectangle

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



27.4162, 43.8343, 19.5862



24.4824, 43.8343, 60.8333



60.1480, 43.8343, 94.7668



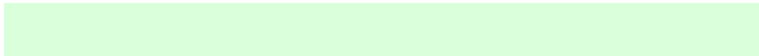
65.4373, 43.8343, 36.6547

Sweetspot

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



27.4173, 43.8361, 19.5872



77.0873, 91.3479, 80.5873



44.2741, 52.5593, 18.8779



16.0234, 19.3228, 16.4937



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.



27.4173, 43.8361, 19.5872



43.2912, 75.1007, 25.9052



30.6948, 45.1471, 36.8462



10.5224, 11.8978, 11.4349



13.1853, 26.2865, 4.6546



0.6333, 1.2483, 0.2679

Inverse Universe

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



36.9873, 24.1780, 52.5876



62.0936, 36.4262, 90.7036



32.3478, 22.3222, 28.1563



11.0551, 10.8054, 13.2735



20.9445, 10.1274, 31.2471



1.0001, 0.4829, 1.5237

Previews

White Background



This preview shows how the XYZ color 27.4162, 43.8343, 19.5862 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 27.4162, 43.8343, 19.5862 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 27.4162, 43.8343, 19.5862

Background



This preview shows how black text looks on a background with the XYZ color 27.4162, 43.8343, 19.5862.



This preview shows how white text looks on a background with the XYZ color 27.4162, 43.8343,

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

27.4162, 43.8343, 19.5862

Protanopia

39.5380, 43.1963, 16.8435

Deuteranopia

43.9143, 43.1064, 20.4738



Tritanopia

35.9022, 43.6565, 62.4114

Trichromacy



Original Color

27.4162, 43.8343, 19.5862



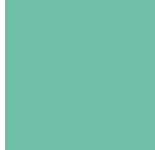
Protanomaly

33.3987, 42.4131, 17.7355



Deuteranomaly

35.2992, 41.8269, 19.8486



Tritanomaly

31.9441, 43.3298, 42.7562

Monochromacy



Original Color

27.4162, 43.8343, 19.5862



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

29.2596, 36.4621, 29.1627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4162, 43.8343, 19.5862 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(96, 198, 102)` looks like.

```
.text, #text, p{  
    color:rgb(96, 198, 102)  
}
```

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(96, 198, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 198, 102) }
```

Border

The CSS property to change the border of an element to XYZ 27.4162, 43.8343, 19.5862 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(96, 198, 102) }
```


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

```
.border{ border-color:rgb(96, 198, 102) }
```

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

Here you see how a box with a 4 pixel rgb(96, 198, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 198, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 198, 102);  
box-shadow:4px 4px 4px 4px rgb(96, 198,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4162, 43.8343, 19.5862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 198, 102) }
```

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

```
.background{ background-color: rgb(96, 198,  
102) }
```

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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