

Converting Colors

XYZ(41.2835, 50.3258, 19.3424)

Have a look what the booklet for
XYZ(41.2835, 50.3258, 19.3424)
contains.

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Color

**XYZ(41.2835, 50.3258,
19.3424)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C463
RGB	182, 196, 99
RGB Percent	71%, 77%, 39%
CMY	0.2863, 0.2314, 0.6118
CMYK	0.07, 0.00, 0.49, 0.23
HSL	69°, 45%, 58%
HSV	69°, 49%, 77%
XYZ	41.2835, 50.3258, 19.3424
YIQ	180.7560, 22.7930, -33.1350

Conversions

Conversions Part 2

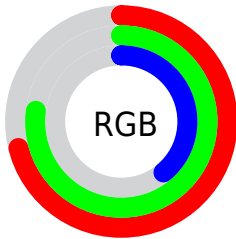
Format	Color
R _Y B	99, 196, 113
Decimal	11977827
CIE Lab	76.27, -19.05, 46.65
CIE LCh	76, 50.394, 112.212
Yxy	50.3258, 0.3721, 0.4536
Android (android.graphics.Color)	4290167907 (0xFFB6C463)
YUV	180.7560, -40.3057, 1.0910
Hunter-Lab	70.9407, -20.2692, 33.4927

Details

The XYZ color **41.2835, 50.3258, 19.3424** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **21.2375, 16.4212, 54.2778**, and the grayscale version is **43.9925, 46.2835, 50.4027**.

A 20% lighter version of the original color is **76.3894, 90.8683, 43.2189**, and **18.9589, 24.0714, 6.4433** is the 20% darker color. If you saturate the color by 10%, you get **39.7968, 49.6565, 14.9613**, and if you desaturate by 10%, it is **43.0136, 51.0976, 24.9239**.

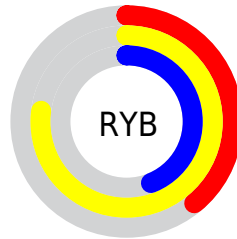
Distribution



Red (71%)

Green (77%)

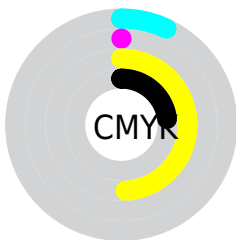
Blue (39%)



Red (39%)

Yellow (77%)

Blue (44%)

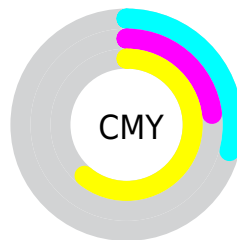


Cyan (7%)

Magenta (0%)

Yellow (49%)

Black (23%)



Cyan (29%)

Magenta (23%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2835, 50.3258, 19.3424 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 41.2835, 50.3258, 19.3424 by changing the saturation by 10% instead.

■ 41.2835, 50.3258,
19.3424

■ 41.2835, 50.3258,
19.3424

342.5465,
387.9387, 260.8180

■ 28.7293, 35.6723,
11.7386

■ 76.3861, 90.6574,
43.1563

■ 19.0194, 24.1812,
6.4456

■ 99.6652, 117.1043,
60.2034

■ 11.7884, 15.4681,
3.0447

■ 127.2499,
148.2512, 81.2355

■ 6.6709, 9.1486,
1.1175

■ 159.5057,
184.4825, 106.6710

■ 3.3017, 4.8382,
0.0000

196.7979,
226.1824, 136.9284

■ 1.3152, 2.1527,
0.0000

239.4919,

■ 0.1946, 0.6940,

273.7355, 172.4264

0.0000

287.9530,
327.5261, 213.5834

■ 0.0000, 0.0000,
0.0000

■ 41.2835, 50.3258,
19.3424

■ 41.2835, 50.3258,
19.3424

■ 39.7968, 49.6565,
14.9613

■ 43.0136, 51.0976,
24.9239

■ 38.5330, 49.0761,
11.6893

■ 44.9986, 51.9712,
31.7820

■ 37.4741, 48.5792,
9.4271


■ 47.2535, 52.9543,
39.9902


■ 36.5978, 48.1568,
8.0565


■ 49.7911, 54.0521,
49.6157


■ 35.8632, 47.7927,
7.3635


■ 52.6235, 55.2694,
60.7210

 35.8270, 47.7747,
7.3332

 55.7619, 56.6106,
73.3651

 59.2169, 58.0802,
87.6037

 62.8684, 59.6299,
102.8039

 63.6544, 60.0351,
102.8407

Harmonies

Analogous

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



50.3398, 50.3258, 17.7010



41.2835, 50.3258, 19.3424



34.8545, 50.3258, 28.6805

Triad

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



41.2835, 50.3258, 19.3424



37.5343, 50.3258, 107.1118



68.2047, 50.3258, 62.1604

Complementary

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



41.2835, 50.3258, 19.3424



21.2375, 16.4212, 54.2778

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.



63.6897, 50.3258, 93.2992



41.2835, 50.3258, 19.3424



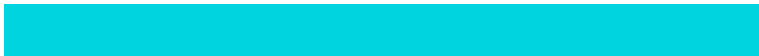
45.4112, 50.3258, 124.2777

Square

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



41.2835, 50.3258, 19.3424



32.8970, 50.3258, 76.9333



55.0413, 50.3258, 118.5274



66.7188, 50.3258, 37.3739

Rectangle

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



41.2835, 50.3258, 19.3424



32.5245, 50.3258, 40.3772



55.0413, 50.3258, 118.5274



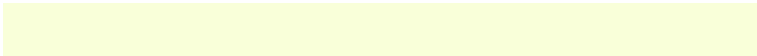
67.3198, 50.3258, 72.2945

Sweetspot

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



41.2847, 50.3281, 19.3435



87.4892, 96.7444, 79.5376



30.8057, 24.2117, 14.8548



18.5200, 20.6179, 16.2472



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.



41.2847, 50.3281, 19.3435



71.9819, 89.9012, 26.8025



31.9160, 45.4983, 18.9050



10.7659, 11.6823, 10.7494



23.0752, 30.7245, 4.7142



1.0369, 1.3481, 0.2056

Inverse Universe

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



21.2375, 16.4212, 54.2778



31.7002, 21.6880, 97.1232



29.0113, 20.4287, 54.6416



9.6606, 9.8162, 12.6704



6.7600, 2.7453, 33.7302



0.3365, 0.1415, 1.4595

Previews

White Background



This preview shows how the XYZ color 41.2835, 50.3258, 19.3424 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 41.2835, 50.3258, 19.3424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

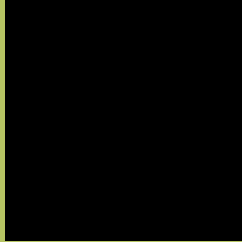
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2835, 50.3258, 19.3424

Background



This preview shows how black text looks on a background with the XYZ color 41.2835, 50.3258, 19.3424.



This preview shows how white text looks on a background with the XYZ color 41.2835, 50.3258,

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

41.2835, 50.3258, 19.3424

Protanopia

45.8267, 50.0764, 18.3167

Deuteranopia

51.2014, 50.0425, 19.7925



Tritanopia

49.6501, 50.1589, 61.0976

Trichromacy



Original Color

41.2835, 50.3258, 19.3424

Protanomaly

44.0772, 50.1304, 18.6623

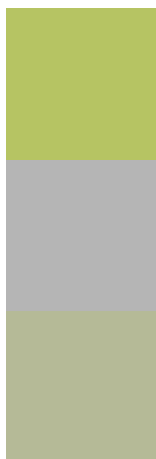
Deuteranomaly

47.1878, 49.8034, 19.6963

Tritanomaly

45.7947, 49.8584, 41.8603

Monochromacy



Original Color

41.2835, 50.3258, 19.3424

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.2009, 47.1759, 36.1598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2835, 50.3258, 19.3424 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(182, 196, 99)` looks like.

```
.text, #text, p{  
    color:rgb(182, 196, 99)  
}
```

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(182, 196, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 196, 99) }
```

Border

The CSS property to change the border of an element to XYZ 41.2835, 50.3258, 19.3424 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(182, 196, 99) }
```


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

```
.border{ border-color:rgb(182, 196, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 196, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 196, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 196, 99);  
box-shadow:4px 4px 4px 4px rgb(182, 196,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2835, 50.3258, 19.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 196, 99) }
```

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

```
.background{ background-color: rgb(182,  
196, 99) }
```

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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