

Converting Colors

XYZ(41.0215, 50.3027, 19.2967)

Have a look what the booklet for
XYZ(41.0215, 50.3027, 19.2967)
contains.

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Color

**XYZ(41.0481, 50.2045,
19.3313)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C463
RGB	181, 196, 99
RGB Percent	71%, 77%, 39%
CMY	0.2902, 0.2314, 0.6118
CMYK	0.08, 0.00, 0.49, 0.23
HSL	69°, 45%, 58%
HSV	69°, 49%, 77%
XYZ	41.0481, 50.2045, 19.3313
YIQ	180.4570, 22.1970, -33.3470

Conversions

Conversions Part 2

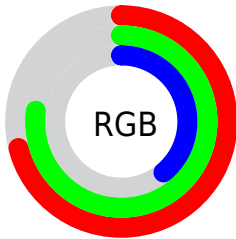
Format	Color
R_{YB}	99, 196, 114
Decimal	11912291
CIE _{Lab}	76.19, -19.45, 46.55
CIE _{LCh}	76, 50.449, 112.679
Yxy	50.2045, 0.3712, 0.4540
Android (android.graphics.Color)	4290102371 (0xFFB5C463)
YUV	180.4570, -40.1583, 0.4762
Hunter-Lab	70.8551, -20.5871, 33.4226

Details

The XYZ color **41.0481, 50.2045, 19.3313** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **21.3669, 16.4878, 54.2839**, and the grayscale version is **43.8303, 46.1129, 50.2169**.

A 20% lighter version of the original color is **76.0527, 90.6947, 43.2032**, and **18.8107, 23.9950, 6.4364** is the 20% darker color. If you saturate the color by 10%, you get **39.5197, 49.5137, 14.9483**, and if you desaturate by 10%, it is **42.8218, 50.9988, 24.9148**.

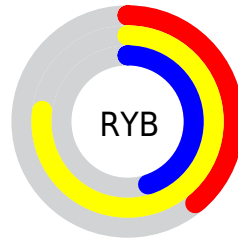
Distribution



Red (71%)

Green (77%)

Blue (39%)



Red (39%)

Yellow (77%)

Blue (45%)

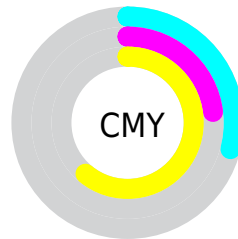


Cyan (8%)

Magenta (0%)

Yellow (49%)

Black (23%)



Cyan (29%)

Magenta (23%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0481, 50.2045, 19.3313 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 41.0481, 50.2045, 19.3313 by changing the saturation by 10% instead.

■ 41.0481, 50.2045,
19.3313

■ 41.0481, 50.2045,
19.3313

341.5808,
387.4651, 260.7551

■ 28.5445, 35.5759,
11.7307

■ 76.0312, 90.4778,
43.1373

■ 18.8791, 24.1068,
6.4403

■ 99.2413, 116.8913,
60.1798

■ 11.6864, 15.4129,
3.0415

■ 126.7511,
148.0019, 81.2066

■ 6.6012, 9.1097,
1.1159

■ 158.9257,
184.1940, 106.6363

■ 3.2581, 4.8128,
0.0000

196.1307,
225.8520, 136.8875

■ 1.2917, 2.1378,
0.0000

238.7313,

■ 0.1770, 0.6858,

273.3602, 172.3786

0.0000

287.0928,
327.1031, 213.5283

■ 0.0000, 0.0000,
0.0000

■ 41.0481, 50.2045,
19.3313

■ 41.0481, 50.2045,
19.3313

■ 39.5197, 49.5137,
14.9483

■ 42.8218, 50.9988,
24.9148

■ 38.2162, 48.9128,
11.6744

■ 44.8524, 51.8959,
31.7750

■ 37.1196, 48.3965,
9.4105


■ 47.1549, 52.9035,
39.9855


■ 36.2074, 47.9556,
8.0382


■ 49.7422, 54.0269,
49.6132


■ 35.4388, 47.5740,
7.3436

■ 52.6262, 55.2708,
60.7210

 35.4010, 47.5551,
7.3132

 55.8183, 56.6398,
73.3676

 59.3291, 58.1381,
87.6087

 63.0385, 59.7177,
102.8119

 63.8845, 60.1538,
102.8515

Harmonies

Analogous

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



50.0713, 50.2045, 17.5863



41.0481, 50.2045, 19.3313



34.6753, 50.2045, 28.7913

Triad

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



41.0481, 50.2045, 19.3313



37.5260, 50.2045, 107.3809



68.1082, 50.2045, 61.5681

Complementary

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



41.0481, 50.2045, 19.3313



21.3669, 16.4878, 54.2839

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.



63.6786, 50.2045, 92.6806



41.0481, 50.2045, 19.3313



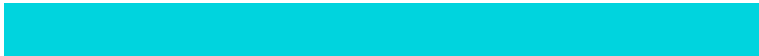
45.4394, 50.2045, 124.2430

Square

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



41.0481, 50.2045, 19.3313



32.8371, 50.2045, 77.2881



55.0736, 50.2045, 118.1229



66.5270, 50.2045, 36.9517

Rectangle

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



41.0481, 50.2045, 19.3313



32.3862, 50.2045, 40.5866



55.0736, 50.2045, 118.1229



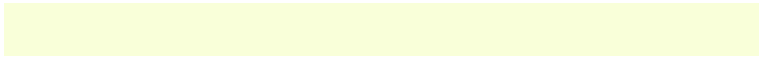
67.2548, 50.2045, 71.6701

Sweetspot

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



41.0493, 50.2068, 19.3324



87.3484, 96.6718, 79.5310



30.9855, 24.5713, 14.9146



18.4858, 20.6003, 16.2456



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.



41.0493, 50.2068, 19.3324



71.4768, 89.6408, 26.7788



31.6588, 45.3658, 18.8929



10.7554, 11.6769, 10.7489



22.8045, 30.5850, 4.7016



1.0275, 1.3432, 0.2051

Inverse Universe

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



21.3669, 16.4878, 54.2839



31.9314, 21.8072, 97.1340



29.3378, 20.5970, 54.6569



9.6702, 9.8211, 12.6708



6.7994, 2.7657, 33.7321



0.3408, 0.1437, 1.4597

Previews

White Background



This preview shows how the XYZ color 41.0481, 50.2045, 19.3313 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 41.0481, 50.2045, 19.3313 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 41.0481, 50.2045, 19.3313

Background



This preview shows how black text looks on a background with the XYZ color 41.0481, 50.2045, 19.3313.



This preview shows how white text looks on a background with the XYZ color 41.0481, 50.2045,

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

41.0481, 50.2045, 19.3313

Protanopia

45.8267, 50.0764, 18.3167

Deuteranopia

50.8814, 49.8775, 19.7775



Tritanopia

49.6501, 50.1589, 61.0976

Trichromacy



Original Color

41.0481, 50.2045, 19.3313

Protanomaly

44.0772, 50.1304, 18.6623

Deuteranomaly

46.8986, 49.6543, 19.6828

Tritanomaly

45.7947, 49.8584, 41.8603

Monochromacy



Original Color

41.0481, 50.2045, 19.3313

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

41.9672, 47.0555, 36.1489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0481, 50.2045, 19.3313 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(181, 196, 99)` looks like.

```
.text, #text, p{  
    color:rgb(181, 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(181, 196, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 196, 99) }
```

Border

The CSS property to change the border of an element to XYZ 41.0481, 50.2045, 19.3313 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(181, 196, 99) }
```


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

```
.border{ border-color:rgb(181, 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(181, 196, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 196, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 196, 99);  
box-shadow:4px 4px 4px 4px rgb(181, 196,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0481, 50.2045, 19.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 196, 99) }
```

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

```
.background{ background-color: rgb(181,  
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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