

Converting Colors

XYZ(41.8946, 53.7825, 18.2982)

Have a look what the booklet for
XYZ(41.8946, 53.7825, 18.2982)
contains.

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Color

**XYZ(41.8946, 53.7825,
18.2982)**

Conversions

Conversions Part 1

Format	Color
Hex	B1CD5C
RGB	177, 205, 92
RGB Percent	69%, 80%, 36%
CMY	0.3059, 0.1961, 0.6392
CMYK	0.14, 0.00, 0.55, 0.20
HSL	75°, 53%, 58%
HSV	75°, 55%, 80%
XYZ	41.8946, 53.7825, 18.2982
YIQ	183.7460, 19.5850, -41.0790

Conversions

Conversions Part 2

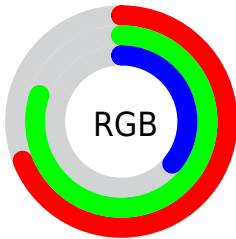
Format	Color
R_{YB}	92, 205, 120
Decimal	11652444
CIE _{Lab}	78.33, -26.10, 52.28
CIE _{LCh}	78, 58.429, 116.528
Yxy	53.7825, 0.3676, 0.4719
Android (android.graphics.Color)	4289842524 (0xFFB1CD5C)
YUV	183.7460, -45.2308, -5.9162
Hunter-Lab	73.3366, -26.3682, 36.5421

Details

The XYZ color **41.8946, 53.7825, 18.2982** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **22.5944, 16.0565, 59.6691**, and the grayscale version is **45.6551, 48.0328, 52.3077**.

A 20% lighter version of the original color is **75.1318, 91.2265, 40.4367**, and **19.4589, 26.4173, 5.9929** is the 20% darker color. If you saturate the color by 10%, you get **39.9816, 52.8880, 14.1473**, and if you desaturate by 10%, it is **44.0957, 54.8010, 23.7303**.

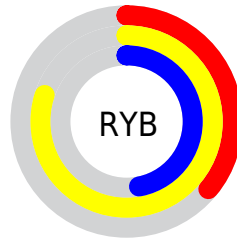
Distribution



Red (69%)

Green (80%)

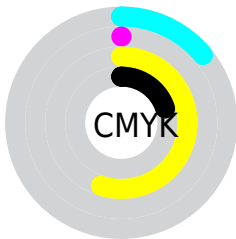
Blue (36%)



Red (36%)

Yellow (80%)

Blue (47%)

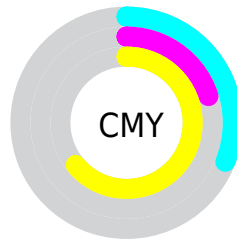


Cyan (14%)

Magenta (0%)

Yellow (55%)

Black (20%)



Cyan (31%)

Magenta (20%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8946, 53.7825, 18.2982 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 41.8946, 53.7825, 18.2982 by changing the saturation by 10% instead.

41.8946, 53.7825,
18.2982

41.8946, 53.7825,
18.2982

345.0449,
401.2801, 254.8388

29.2095, 38.4278,
10.9926

77.3062, 95.7548,
41.3656

19.3845, 26.3149,
5.9478

100.7635,
123.1412, 57.9645

12.0541, 17.0594,
2.7451

128.5422,
155.3070, 78.4982

6.8530, 10.2768,
0.9660

161.0078,
192.6365, 103.3854

3.4158, 5.5829,
0.0000

198.5254,
235.5142, 133.0445

1.3773, 2.5931,
0.0000

241.4606,

0.2400, 0.9232,

284.3244, 167.8941

0.0000

290.1786,
339.4516, 208.3527

■ 0.0000, 0.0000,
0.0000

■ 41.8946, 53.7825,
18.2982

■ 41.8946, 53.7825,
18.2982

■ 39.9816, 52.8880,
14.1473

■ 44.0957, 54.8010,
23.7303

■ 38.3324, 52.1020,
11.1686

■ 46.5994, 55.9438,
30.5340

■ 36.9245, 51.4174,
9.2406

■ 49.4236, 57.2197,
38.7956

■ 35.7291, 50.8227,
8.2138

■ 52.5835, 58.6351,
48.5933

■ 35.1968, 50.5546,
7.9029

■ 56.0934, 60.1957,
59.9997

■ 59.9665, 61.9068,
73.0828

■ 64.2156, 63.7736,
87.9067

■ 68.6899, 65.7358,
103.6757

■ 70.2294, 66.5294,
103.7477

Harmonies

Analogous

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



52.4650, 53.7825, 15.4536



41.8946, 53.7825, 18.2982



34.8521, 53.7825, 30.1932

Triad

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



41.8946, 53.7825, 18.2982



39.9025, 53.7825, 128.5554



76.4206, 53.7825, 62.4662

Complementary

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



41.8946, 53.7825, 18.2982



22.5944, 16.0565, 59.6691

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.



71.7919, 53.7825, 100.7200



41.8946, 53.7825, 18.2982



49.7956, 53.7825, 146.8440

Square

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



41.8946, 53.7825, 18.2982



33.8284, 53.7825, 91.5118



61.6060, 53.7825, 135.1206



73.4787, 53.7825, 34.6534

Rectangle

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



41.8946, 53.7825, 18.2982



32.5437, 53.7825, 45.0529



61.6060, 53.7825, 135.1206



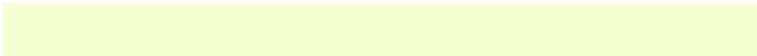
75.6830, 53.7825, 74.5283

Sweetspot

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



41.8959, 53.7849, 18.2993



84.9969, 95.5349, 76.0164



33.6323, 26.7969, 13.5257



17.9628, 20.3455, 15.5507



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.



41.8959, 53.7849, 18.2993



64.9930, 86.3928, 22.2027



31.8099, 48.5854, 17.8273



11.8717, 12.9513, 11.9536



22.0005, 31.5170, 4.9238



1.2014, 1.6601, 0.2571

Inverse Universe

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



22.5944, 16.0565, 59.6691



30.3978, 18.6089, 96.5975



32.4978, 21.1619, 60.1326



10.8579, 10.9760, 14.1167



7.7776, 3.2170, 36.1673



0.4726, 0.2027, 1.8692

Previews

White Background



This preview shows how the XYZ color 41.8946, 53.7825, 18.2982 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 41.8946, 53.7825, 18.2982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

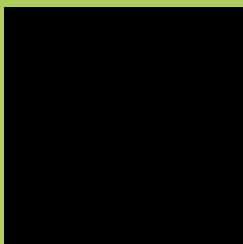
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

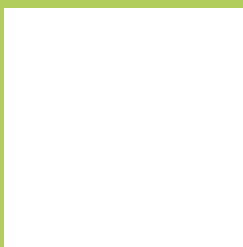
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.8946, 53.7825, 18.2982

Background



This preview shows how black text looks on a background with the XYZ color 41.8946, 53.7825, 18.2982.



This preview shows how white text looks on a background with the XYZ color 41.8946, 53.7825,

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

41.8946, 53.7825, 18.2982

Protanopia

49.0776, 53.7352, 17.0178

Deuteranopia

54.6050, 53.3400, 18.9729



Tritanopia

51.9410, 53.7704, 67.3156

Trichromacy



Original Color

41.8946, 53.7825, 18.2982

Protanomaly

46.0846, 53.5269, 17.3540

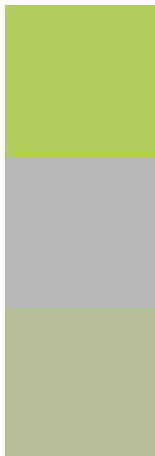
Deuteranomaly

49.2799, 53.1427, 18.7266

Tritanomaly

47.0989, 53.1248, 43.8481

Monochromacy



Original Color

41.8946, 53.7825, 18.2982

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

43.4916, 49.7574, 36.5900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8946, 53.7825, 18.2982 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(177, 205, 92)` looks like.

```
.text, #text, p{  
    color:rgb(177, 205, 92)  
}
```

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(177, 205, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 205, 92) }
```

Border

The CSS property to change the border of an element to XYZ 41.8946, 53.7825, 18.2982 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(177, 205, 92) }
```


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

```
.border{ border-color:rgb(177, 205, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 205, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 205, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 205, 92);  
box-shadow:4px 4px 4px 4px rgb(177, 205,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8946, 53.7825, 18.2982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 205, 92) }
```

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

```
.background{ background-color: rgb(177,  
205, 92) }
```

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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