

Converting Colors

XYZ(47.1546, 53.4325, 40.8061)

Have a look what the booklet for
XYZ(47.1546, 53.4325, 40.8061)
contains.

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Color

**XYZ(47.1911, 53.5827,
40.6562)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC69F
RGB	188, 198, 159
RGB Percent	74%, 78%, 62%
CMY	0.2627, 0.2235, 0.3765
CMYK	0.05, 0.00, 0.20, 0.22
HSL	75°, 25%, 70%
HSV	75°, 20%, 78%
XYZ	47.1911, 53.5827, 40.6562
YIQ	190.5640, 6.5590, -14.2490

Conversions

Conversions Part 2

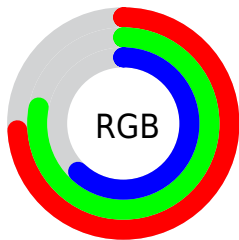
Format	Color
RYB	159, 198, 169
Decimal	12371615
CIELab	78.22, -10.19, 18.43
CIELCh	78, 21.055, 118.940
Yxy	53.5827, 0.3337, 0.3789
Android (android.graphics.Color)	4290561695 (0xFFBCC69F)
YUV	190.5640, -15.5611, -2.2486
Hunter-Lab	73.2002, -13.0240, 18.3098

Details

The XYZ color **47.1911, 53.5827, 40.6562** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.9555, 37.3100, 58.5773**, and the grayscale version is **49.3545, 51.9248, 56.5461**.

A 20% lighter version of the original color is **85.2058, 95.6081, 77.5817**, and **22.4586, 26.0764, 17.7595** is the 20% darker color. If you saturate the color by 10%, you get **44.3799, 52.3180, 32.2626**, and if you desaturate by 10%, it is **50.3244, 54.9849, 50.5038**.

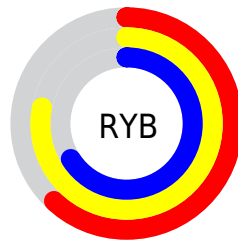
Distribution



Red (74%)

Green (78%)

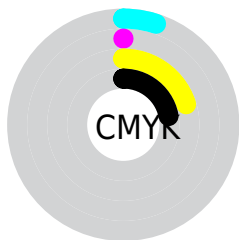
Blue (62%)



Red (62%)

Yellow (78%)

Blue (66%)

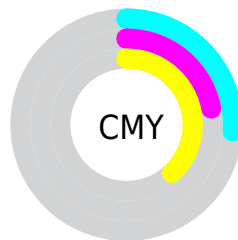


Cyan (5%)

Magenta (0%)

Yellow (20%)

Black (22%)



Cyan (26%)

Magenta (22%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1911, 53.5827, 40.6562 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 47.1911, 53.5827, 40.6562 by changing the saturation by 10% instead.

■ 47.1911, 53.5827,
40.6562

■ 47.1911, 53.5827,
40.6562

366.2130,
400.5167, 364.5157

■ 33.3953, 38.2681,
27.7329

■ 85.2158, 95.4613,
77.4097

■ 22.5902, 26.1909,
17.8871

■ 110.1755,
122.7940, 102.0770

■ 14.4102, 16.9665,
10.7004

139.5871,
154.9017, 131.4960

■ 8.4901, 10.2106,
5.7541

173.8162,
192.1686, 166.0852

■ 4.4646, 5.5388,
2.6298

213.2279,
234.9792, 206.2633

■ 1.9682, 2.5667,
0.9078

258.1877,

■ 0.6160, 0.9100,

283.7178, 252.4487

0.0000

309.0610,
338.7688, 305.0599

■ 0.0000, 0.0000,
0.0000

■ 47.1911, 53.5827,
40.6562

■ 47.1911, 53.5827,
40.6562

■ 44.3799, 52.3180,
32.2626

■ 50.3244, 54.9849,
50.5038

■ 41.8732, 51.1783,
25.2507

■ 53.7883, 56.5227,
61.8664

■ 39.6576, 50.1601,
19.5471


■ 57.5961, 58.2033,
74.8054


■ 37.7173, 49.2569,
15.0703


■ 61.7591, 60.0311,
89.3780


■ 36.0346, 48.4616,
11.7297


■ 65.8004, 61.8156,
103.0713

 34.5894, 47.7662,
9.4220


 67.3004, 62.5889,
103.1415


 33.3581, 47.1611,
8.0254

 68.8470, 63.3862,
103.2139

 32.2975, 46.6290,
7.3152

 70.4407, 64.2077,
103.2884

 32.2667, 46.6134,
7.2967

 72.0817, 65.0537,
103.3652

Harmonies

Analogous

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



51.0755, 53.5827, 38.4729



47.1911, 53.5827, 40.6562



44.4401, 53.5827, 47.4032

Triad

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



47.1911, 53.5827, 40.6562



46.9502, 53.5827, 80.0132



59.2662, 53.5827, 58.7632

Complementary

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



47.1911, 53.5827, 40.6562



38.9555, 37.3100, 58.5773

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.



58.0201, 53.5827, 70.8471



47.1911, 53.5827, 40.6562



50.7823, 53.5827, 84.0907

Square

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



47.1911, 53.5827, 40.6562



44.3064, 53.5827, 70.0228



54.8587, 53.5827, 80.5325



58.1801, 53.5827, 48.0391

Rectangle

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



47.1911, 53.5827, 40.6562



43.5435, 53.5827, 54.0977



54.8587, 53.5827, 80.5325



59.1051, 53.5827, 62.8036

Sweetspot

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



47.1925, 53.5851, 40.6574



91.2545, 98.3167, 96.3720



43.6901, 42.7936, 38.7590



19.4467, 21.0058, 20.3488



0.0000, 0.0000, 0.0000



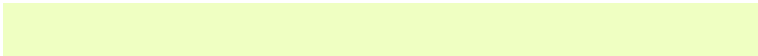
20.3446, 21.4041, 23.3091

Same Dimension

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



47.1925, 53.5851, 40.6574



81.1739, 93.8094, 64.7500



42.7625, 51.3013, 40.4500



11.2481, 12.2748, 11.3392



21.0655, 30.3550, 4.7488



1.0618, 1.4705, 0.2279

Inverse Universe

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



38.9555, 37.3100, 58.5773



63.7329, 59.3426, 102.7029



43.3937, 39.5980, 58.7850



10.3075, 10.4168, 13.3849



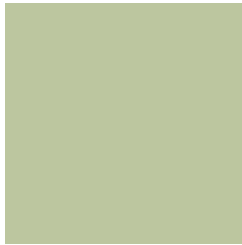
7.5780, 3.1408, 34.9512



0.4285, 0.1846, 1.6582

Previews

White Background



This preview shows how the XYZ color 47.1911, 53.5827, 40.6562 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 47.1911, 53.5827, 40.6562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

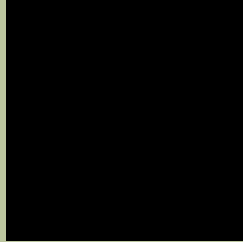
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1911, 53.5827, 40.6562

Background



This preview shows how black text looks on a background with the XYZ color 47.1911, 53.5827, 40.6562.



This preview shows how white text looks on a background with the XYZ color 47.1911, 53.5827,

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

47.1911, 53.5827, 40.6562

Protanopia

50.3326, 53.5534, 39.5823

Deuteranopia

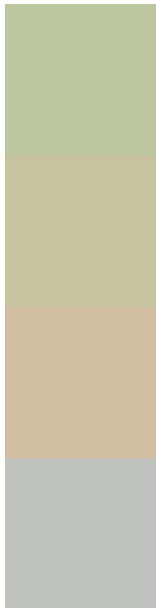
54.4234, 53.3790, 41.1530



Tritanopia

52.3990, 53.3687, 66.5710

Trichromacy



Original Color

47.1911, 53.5827, 40.6562

Protanomaly

49.2399, 53.6409, 40.1063

Deuteranomaly

51.3370, 53.0666, 40.7948

Tritanomaly

50.3243, 53.5077, 56.3909

Monochromacy



Original Color

47.1911, 53.5827, 40.6562

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.6637, 52.7854, 50.2716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1911, 53.5827, 40.6562 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(188, 198, 159)` looks like.

```
.text, #text, p{  
    color:rgb(188, 198, 159)  
}
```

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(188, 198, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 198, 159) }
```

Border

The CSS property to change the border of an element to XYZ 47.1911, 53.5827, 40.6562 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(188, 198, 159) }
```


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

```
.border{ border-color:rgb(188, 198, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 198, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 198, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 198, 159); box-shadow:4px 4px 4px 4px rgb(188, 198, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1911, 53.5827, 40.6562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 198, 159) }
```

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

```
.background{ background-color: rgb(188,  
198, 159) }
```

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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