

Converting Colors

XYZ(47.5031, 55.8980, 37.5468)

Have a look what the booklet for
XYZ(47.5031, 55.8980, 37.5468)
contains.

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Color

**XYZ(47.4285, 55.8592,
37.5603)**

Conversions

Conversions Part 1

Format	Color
Hex	BACC97
RGB	186, 204, 151
RGB Percent	73%, 80%, 59%
CMY	0.2706, 0.2000, 0.4078
CMYK	0.09, 0.00, 0.26, 0.20
HSL	80°, 34%, 70%
HSV	80°, 26%, 80%
XYZ	47.4285, 55.8592, 37.5603
YIQ	192.5760, 6.2850, -20.2990

Conversions

Conversions Part 2

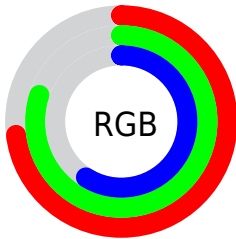
Format	Color
RYB	151, 204, 169
Decimal	12242071
CIELab	79.53, -15.20, 24.45
CIELCh	80, 28.786, 121.867
Yxy	55.8592, 0.3367, 0.3966
Android (android.graphics.Color)	4290432151 (0xFFBACC97)
YUV	192.5760, -20.4970, -5.7672
Hunter-Lab	74.7390, -17.5193, 22.5210

Details

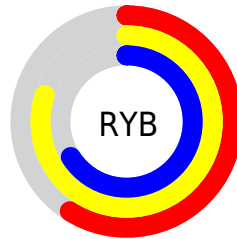
The XYZ color **47.4285, 55.8592, 37.5603** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.3301, 34.9294, 61.8516**, and the grayscale version is **50.5548, 53.1876, 57.9213**.

A 20% lighter version of the original color is **83.3974, 94.8050, 71.6613**, and **22.7223, 27.6383, 16.1937** is the 20% darker color. If you saturate the color by 10%, you get **44.2706, 54.4081, 29.4999**, and if you desaturate by 10%, it is **50.9577, 57.4720, 47.1369**.

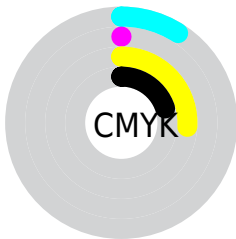
Distribution



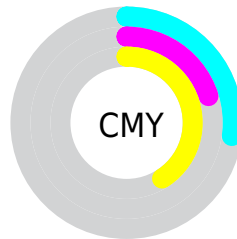
- Red (73%)
- Green (80%)
- Blue (59%)



- Red (59%)
- Yellow (80%)
- Blue (66%)



- Cyan (9%)
- Magenta (0%)
- Yellow (26%)
- Black (20%)





- Cyan (27%)
- Magenta (20%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4285, 55.8592, 37.5603 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 47.4285, 55.8592, 37.5603 by changing the saturation by 10% instead.


 47.4285, 55.8592,
37.5603


 47.4285, 55.8592,
37.5603


367.1427,
409.1607, 350.9715

 33.5839, 40.0900,
25.3424


 85.5677, 98.7987,
72.6296

 22.7355, 27.6088,
16.1110


 110.5931,
126.7378, 96.3181

 14.5179, 18.0309,
9.4475


140.0761,
159.5024, 124.6673

 8.5659, 10.9722,
4.9335

174.3820,
197.4768, 158.0956

 4.5139, 6.0481,
2.1502

213.8763,
241.0454, 197.0217

 1.9968, 2.8744,
0.6454

258.9243,

 0.6322, 1.0665,

290.5927, 241.8640

0.0000

309.8913,
346.5030, 293.0410

■ 0.0000, 0.0000,
0.0000

■ 47.4285, 55.8592,
37.5603

■ 47.4285, 55.8592,
37.5603

■ 44.2706, 54.4081,
29.4999

■ 50.9577, 57.4720,
47.1369

■ 41.4637, 53.1049,
22.8742

■ 54.8687, 59.2452,
58.2983

■ 38.9921, 51.9449,
17.5996

■ 59.1768, 61.1869,
71.1132

■ 36.8367, 50.9204,
13.5827

■ 63.8952, 63.3026,
85.6454

■ 34.9764, 50.0228,
10.7176

■ 69.0364, 65.5973,
101.9550

■ 33.3864, 49.2422,
8.8816

■ 71.5055, 66.8332,
103.7391

■ 32.0364, 48.5661,
7.9211

■ 73.7429, 67.9867,
103.8438

■ 31.5388, 48.3147,
7.6634

■ 76.0694, 69.1860,
103.9527

■ 78.4860, 70.4318,
104.0658

Harmonies

Analogous

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



52.7306, 55.8592, 34.1932



47.4285, 55.8592, 37.5603



43.8666, 55.8592, 46.9904

Triad

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



47.4285, 55.8592, 37.5603



48.0136, 55.8592, 93.4977



65.0164, 55.8592, 59.7884

Complementary

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



47.4285, 55.8592, 37.5603



38.3301, 34.9294, 61.8516

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.



63.5290, 55.8592, 77.1300



47.4285, 55.8592, 37.5603



53.4560, 55.8592, 98.5828

Square

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



47.4285, 55.8592, 37.5603



44.1867, 55.8592, 79.2571



59.1904, 55.8592, 92.1210



63.1211, 55.8592, 45.4918

Rectangle

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



47.4285, 55.8592, 37.5603



42.8154, 55.8592, 56.4204



59.1904, 55.8592, 92.1210



64.8951, 55.8592, 65.4450

Sweetspot

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



47.4299, 55.8617, 37.5615



89.4340, 97.4644, 92.3934



44.6158, 43.3256, 35.2901



18.9268, 20.7637, 19.1546



0.0000, 0.0000, 0.0000



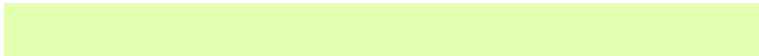
20.3446, 21.4041, 23.3091

Same Dimension

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



47.4299, 55.8617, 37.5615



75.6334, 91.1708, 54.6598



41.6445, 52.8791, 37.2907



11.7694, 12.8985, 11.9488



19.9527, 30.4613, 4.8280



1.1084, 1.6122, 0.2528

Inverse Universe

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



38.3301, 34.9294, 61.8516



58.1402, 50.9198, 101.3719



44.5165, 38.1186, 62.1411



10.9550, 11.0261, 14.1212



8.5079, 3.5935, 36.2015



0.5198, 0.2271, 1.8714

Previews

White Background



This preview shows how the XYZ color 47.4285, 55.8592, 37.5603 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 47.4285, 55.8592, 37.5603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

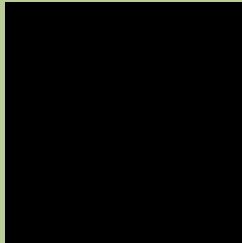
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

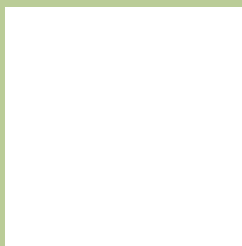
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.4285, 55.8592, 37.5603

Background



This preview shows how black text looks on a background with the XYZ color 47.4285, 55.8592, 37.5603.



This preview shows how white text looks on a background with the XYZ color 47.4285, 55.8592,

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

47.4285, 55.8592, 37.5603

Protanopia

52.1755, 55.9195, 36.0606

Deuteranopia

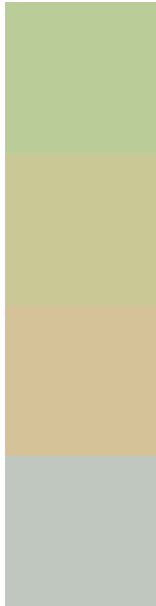
56.6635, 55.5513, 38.3078



Tritanopia

54.1293, 55.8354, 70.2118

Trichromacy



Original Color

47.4285, 55.8592, 37.5603

Protanomaly

50.4362, 56.0350, 36.5913

Deuteranomaly

52.7731, 55.1796, 38.0063

Tritanomaly

51.4559, 55.7710, 56.7681

Monochromacy



Original Color

47.4285, 55.8592, 37.5603

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.2373, 54.0940, 49.9656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4285, 55.8592, 37.5603 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(186, 204, 151)` looks like.

```
.text, #text, p{  
    color:rgb(186, 204, 151)  
}
```

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(186, 204, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 204, 151) }
```

Border

The CSS property to change the border of an element to XYZ 47.4285, 55.8592, 37.5603 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(186, 204, 151) }
```


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

```
.border{ border-color:rgb(186, 204, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 204, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 204, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 204, 151);  
box-shadow:4px 4px 4px 4px rgb(186, 204,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4285, 55.8592, 37.5603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 204, 151) }
```

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

```
.background{ background-color: rgb(186,  
204, 151) }
```

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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