

Converting Colors

XYZ(55.8081, 51.9393, 27.3132)

Have a look what the booklet for
XYZ(55.8081, 51.9393, 27.3132)
contains.

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Color

**XYZ(55.6863, 51.8984,
27.1611)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B27F
RGB	240, 178, 127
RGB Percent	94%, 70%, 50%
CMY	0.0588, 0.3019, 0.5020
CMYK	0.00, 0.26, 0.47, 0.06
HSL	27°, 79%, 72%
HSV	27°, 47%, 94%
XYZ	55.6863, 51.8984, 27.1611
YIQ	190.7240, 53.3230, -2.7170

Conversions

Conversions Part 2

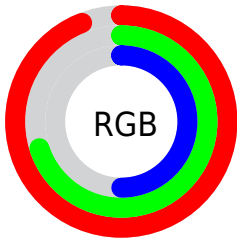
Format	Color
R _Y B	240, 220, 127
Decimal	15774335
CIE Lab	77.22, 16.57, 34.82
CIE LCh	77, 38.566, 64.552
Yxy	51.8984, 0.4133, 0.3852
Android (android.graphics.Color)	4293964415 (0xFFFF0B27F)
YUV	190.7240, -31.4159, 43.2151
Hunter-Lab	72.0405, 11.9070, 28.0746

Details

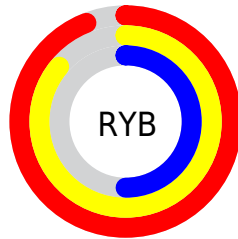
The XYZ color **55.6863, 51.8984, 27.1611** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.6772, 47.1964, 89.2981**, and the grayscale version is **49.5171, 52.0958, 56.7324**.

A 20% lighter version of the original color is **78.9010, 83.4009, 55.1195**, and **27.7292, 25.0268, 10.3903** is the 20% darker color. If you saturate the color by 10%, you get **51.8095, 46.3569, 19.0496**, and if you desaturate by 10%, it is **60.1897, 58.0969, 37.3204**.

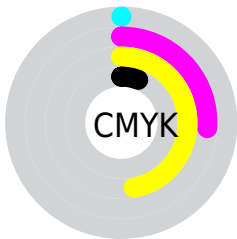
Distribution



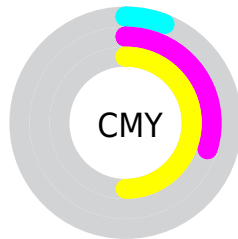
- Red (94%)
- Green (70%)
- Blue (50%)



- Red (94%)
- Yellow (86%)
- Blue (50%)



- Cyan (0%)
- Magenta (26%)
- Yellow (47%)
- Black (6%)





- Cyan (6%)
- Magenta (30%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6863, 51.8984, 27.1611 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 55.6863, 51.8984, 27.1611 by changing the saturation by 10% instead.


 55.6863, 51.8984,
27.1611

 55.6863, 51.8984,
27.1611


398.6024,
394.0443, 302.2211


 40.1875, 36.9241,
17.4607


 97.6882, 92.9814,
56.1491

 27.8696, 25.1487,
10.3981


 124.9221,
119.8589, 76.2739

 18.3673, 16.1879,
5.5547


 156.7983,
151.4728, 100.7106

 11.3153, 9.6572,
2.5119

193.6822,
188.2077, 129.8777

 6.3482, 5.1723,
0.8464

235.9392,
230.4479, 164.1937

 3.1006, 2.3487,
0.0000

283.9347,

 1.2072, 0.7993,

278.5778, 204.0773

0.0000

338.0340,
332.9818, 249.9469

■ 0.1120, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6863, 51.8984,
27.1611

■ 55.6863, 51.8984,
27.1611

■ 51.8095, 46.3569,
19.0496

■ 60.1897, 58.0969,
37.3204

■ 48.5215, 41.4401,
12.8389

■ 65.3469, 64.9681,
49.6543

■ 45.7859, 37.1235,
8.3670

■ 71.1878, 72.5364,
64.2828

■ 43.5590, 33.3773,
5.4431

■ 77.7393, 80.8225,
81.3162

■ 41.7865, 30.1669,
3.8215

■ 85.0266, 89.8464,
100.8577

■ 41.3325, 29.3202,
3.4809

■ 89.7450, 97.2652,
108.6517

Harmonies

Analogous

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



61.9753, 51.8984, 36.4352



55.6863, 51.8984, 27.1611



48.2093, 51.8984, 24.8847

Triad

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



55.6863, 51.8984, 27.1611



36.4805, 51.8984, 59.7985



57.8299, 51.8984, 97.0690

Complementary

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



55.6863, 51.8984, 27.1611



42.6772, 47.1964, 89.2981

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.



50.4636, 51.8984, 107.5310



55.6863, 51.8984, 27.1611



38.5300, 51.8984, 82.8611

Square

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



55.6863, 51.8984, 27.1611



37.5818, 51.8984, 40.7696



43.4729, 51.8984, 101.7731



63.2970, 51.8984, 75.8520

Rectangle

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



55.6863, 51.8984, 27.1611



43.6583, 51.8984, 26.9963



43.4729, 51.8984, 101.7731



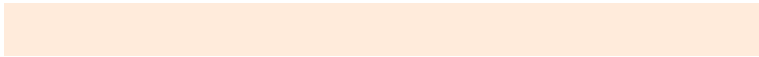
55.4682, 51.8984, 102.1719

Sweetspot

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



55.6876, 51.9009, 27.1621



83.8928, 86.0444, 79.4117



52.7263, 37.3851, 52.6669



17.6199, 17.9882, 16.1314



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.



55.6876, 51.9009, 27.1621



59.8302, 53.7432, 22.6078



69.2883, 79.1024, 31.6957



16.3604, 16.9338, 16.5560



22.7550, 16.3081, 1.9485



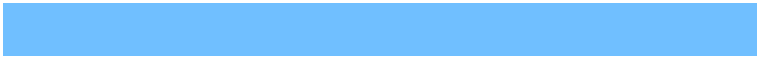
1.9910, 1.5528, 0.1948

Inverse Universe

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



42.6772, 47.1964, 89.2981



43.2889, 47.7405, 101.5410



32.8207, 27.4832, 86.0126



15.6161, 16.6663, 20.1155



13.2371, 12.6984, 46.8812



1.2005, 1.2549, 3.9332

Previews

White Background



This preview shows how the XYZ color 55.6863, 51.8984, 27.1611 looks on a white background.

Color Contrast Check

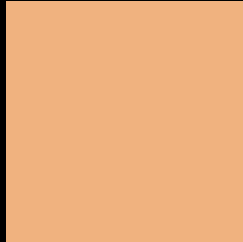
Large Text (above 18pt) WCAG AA × Fail

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 55.6863, 51.8984, 27.1611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

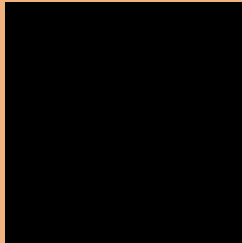
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6863, 51.8984, 27.1611

Background



This preview shows how black text looks on a background with the XYZ color 55.6863, 51.8984, 27.1611.



This preview shows how white text looks on a background with the XYZ color 55.6863, 51.8984,

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

55.6863, 51.8984, 27.1611

Protanopia

48.2493, 52.0494, 29.3333

Deuteranopia

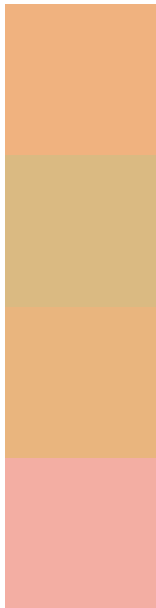
53.0125, 52.0313, 26.9877



Tritanopia

60.8708, 51.9990, 52.1760

Trichromacy



Original Color

55.6863, 51.8984, 27.1611

Protanomaly

50.5016, 51.6349, 28.4239

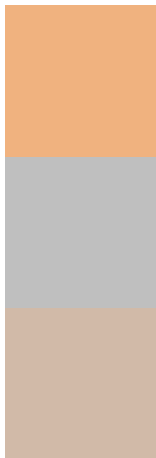
Deuteranomaly

53.8940, 51.8777, 26.9115

Tritanomaly

58.7091, 51.9711, 41.5875

Monochromacy



Original Color

55.6863, 51.8984, 27.1611

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.9213, 51.5003, 44.3025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6863, 51.8984, 27.1611 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(240, 178, 127)` looks like.

```
.text, #text, p{  
    color:rgb(240, 178, 127)  
}
```

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(240, 178, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 178, 127) }
```

Border

The CSS property to change the border of an element to XYZ 55.6863, 51.8984, 27.1611 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(240, 178, 127) }
```


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

```
.border{ border-color:rgb(240, 178, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 178, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 178, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 178, 127);  
box-shadow:4px 4px 4px 4px rgb(240, 178,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6863, 51.8984, 27.1611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 178, 127) }
```

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

```
.background{ background-color: rgb(240,  
178, 127) }
```

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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