

Converting Colors

XYZ(52.7735, 43.0841, 27.3338)

Have a look what the booklet for
XYZ(52.7735, 43.0841, 27.3338)
contains.

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Color

**XYZ(52.8877, 43.2116,
27.3830)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F59784 |
| RGB | 245, 151, 132 |
| RGB Percent | 96%, 59%, 52% |
| CMY | 0.0392, 0.4078, 0.4823 |
| CMYK | 0.00, 0.38, 0.46, 0.04 |
| HSL | 10°, 85%, 74% |
| HSV | 10°, 46%, 96% |
| XYZ | 52.8877, 43.2116, 27.3830 |
| YIQ | 176.9400, 62.1230, 14.0190 |

Conversions

Conversions Part 2

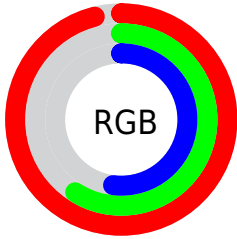
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 245, 155, 132 |
| Decimal | 16095108 |
| CIE Lab | 71.70, 33.24, 24.96 |
| CIE LCh | 72, 41.571, 36.903 |
| Yxy | 43.2116, 0.4283, 0.3499 |
| Android (android.graphics.Color) | 4294285188 (0xFF59784) |
| YUV | 176.9400, -22.1554, 59.6886 |
| Hunter-Lab | 65.7355, 28.5755, 21.3168 |

Details

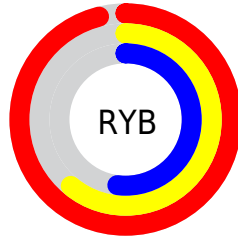
The XYZ color **52.8877, 43.2116, 27.3830** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **53.1923, 65.8881, 96.3003**, and the grayscale version is **41.8493, 44.0287, 47.9473**.

A 20% lighter version of the original color is **72.0683, 68.9054, 55.4006**, and **26.2345, 19.9720, 10.4549** is the 20% darker color. If you saturate the color by 10%, you get **48.4028, 36.6172, 18.5653**, and if you desaturate by 10%, it is **58.3354, 51.1016, 38.4645**.

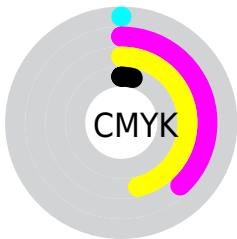
Distribution



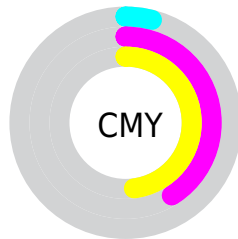
- Red (96%)
- Green (59%)
- Blue (52%)



- Red (96%)
- Yellow (61%)
- Blue (52%)



- Cyan (0%)
- Magenta (38%)
- Yellow (46%)
- Black (4%)




- Cyan (4%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8877, 43.2116, 27.3830 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 52.8877, 43.2116, 27.3830 by changing the saturation by 10% instead.


 52.8877, 43.2116,
27.3830


 52.8877, 43.2116,
27.3830


388.1220,
359.4812, 303.3254


 37.9402, 30.0512,
17.6261

 93.6056, 80.0301,
56.5090

 26.1133, 19.8774,
10.5152


 120.1068,
104.4569, 76.7153

 17.0416, 12.3060,
5.6318


 151.1899,
133.4080, 101.2417

 10.3596, 6.9524,
2.5574

187.2203,
167.2678, 130.5068

 5.7021, 3.4324,
0.8703

228.5633,
206.4206, 164.9292

 2.7037, 1.3614,
0.0000

275.5844,

 0.9991, 0.1880,

251.2508, 204.9274

0.0000

328.6489,
302.1429, 250.9200

■ 0.0000, 0.0000,
0.0000

■ 52.8877, 43.2116,
27.3830

■ 52.8877, 43.2116,
27.3830

■ 48.4028, 36.6172,
18.5653

■ 58.3354, 51.1016,
38.4645

■ 44.8203, 31.2424,
11.8520

■ 64.7949, 60.3450,
51.9495

■ 42.0778, 27.0132,
7.0665

■ 72.3159, 71.0038,
67.9690

■ 40.1033, 23.8446,
4.0023

■ 80.9436, 83.1344,
86.6442

■ 38.8111, 21.6391,
2.4040

■ 90.7207, 96.7899,
108.0882

■ 38.4563, 21.0127,
2.0290

■ 91.4662, 98.1525,
108.7323

Harmonies

Analogous

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



56.0456, 43.2116, 42.5382



52.8877, 43.2116, 27.3830



46.6196, 43.2116, 19.6201

Triad

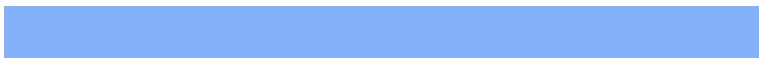
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.8877, 43.2116, 27.3830



29.8255, 43.2116, 33.4095



42.7216, 43.2116, 97.0480

Complementary

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



52.8877, 43.2116, 27.3830



53.1923, 65.8881, 96.3003

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.



35.9817, 43.2116, 92.5352



52.8877, 43.2116, 27.3830



29.0344, 43.2116, 51.8702

Square

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



52.8877, 43.2116, 27.3830



33.4603, 43.2116, 22.3404



31.1607, 43.2116, 74.4111



49.7570, 43.2116, 85.4048

Rectangle

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



52.8877, 43.2116, 27.3830



41.8077, 43.2116, 17.9644



31.1607, 43.2116, 74.4111



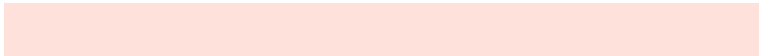
40.3436, 43.2116, 97.4124

Sweetspot

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



52.8888, 43.2138, 27.3838



81.0733, 80.4054, 78.4719



59.6580, 41.4155, 76.9213



16.9385, 16.6254, 15.9043



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.



52.8888, 43.2138, 27.3838



53.4573, 40.7663, 21.1955



64.2149, 65.8660, 31.1592



16.7243, 16.9328, 17.1844



20.7842, 11.4541, 1.1154



1.8900, 1.1333, 0.1191

Inverse Universe

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



53.1923, 65.8881, 96.3003



53.7786, 68.2303, 104.9431



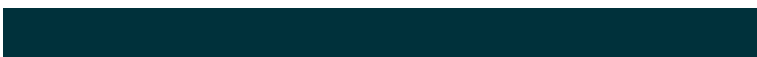
40.3098, 40.1232, 92.0062



16.7456, 18.2555, 21.1837



20.5739, 26.9415, 50.6539



1.8697, 2.4909, 4.4725

Previews

White Background



This preview shows how the XYZ color 52.8877, 43.2116, 27.3830 looks on a white background.

Color Contrast Check

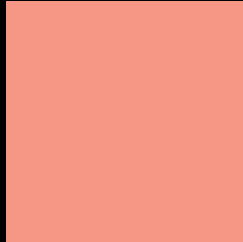
Large Text (above 18pt) WCAG AA × Fail

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 52.8877, 43.2116, 27.3830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

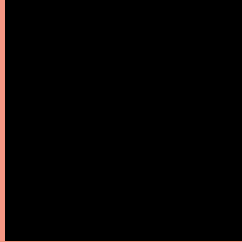
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.8877, 43.2116, 27.3830

Background



This preview shows how black text looks on a background with the XYZ color 52.8877, 43.2116, 27.3830.



This preview shows how white text looks on a background with the XYZ color 52.8877, 43.2116,

27.3830.

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

52.8877, 43.2116, 27.3830

Protanopia

40.9768, 43.5986, 32.2423

Deuteranopia

44.1628, 43.3708, 26.8126



Tritanopia

54.9630, 43.1102, 37.7720

Trichromacy



Original Color

52.8877, 43.2116, 27.3830

Protanomaly

44.4913, 42.9114, 30.3639

Deuteranomaly

46.7684, 42.8245, 26.9201

Tritanomaly

54.0208, 42.9426, 33.8753

Monochromacy



Original Color

52.8877, 43.2116, 27.3830

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

44.7928, 43.1350, 39.6833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8877, 43.2116, 27.3830 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(245, 151, 132)` looks like.

```
.text, #text, p{  
    color:rgb(245, 151, 132)  
}
```

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(245, 151, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 151, 132) }
```

Border

The CSS property to change the border of an element to XYZ 52.8877, 43.2116, 27.3830 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(245, 151, 132) }
```


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

```
.border{ border-color:rgb(245, 151, 132) }
```

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

Here you see how a box with a 4 pixel rgb(245, 151, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 151, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 151, 132);  
box-shadow:4px 4px 4px 4px rgb(245, 151,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8877, 43.2116, 27.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 151, 132) }
```

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

```
.background{ background-color: rgb(245,  
151, 132) }
```

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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