

Converting Colors

XYZ(52.9606, 43.9830, 27.1710)

Have a look what the booklet for
XYZ(52.9606, 43.9830, 27.1710)
contains.

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Color

**XYZ(52.9606, 43.9830,
27.1710)**

Conversions

Conversions Part 1

Format	Color
Hex	F49A83
RGB	244, 154, 131
RGB Percent	96%, 60%, 51%
CMY	0.0431, 0.3961, 0.4863
CMYK	0.00, 0.37, 0.46, 0.04
HSL	12°, 84%, 74%
HSV	12°, 46%, 96%
XYZ	52.9606, 43.9830, 27.1710
YIQ	178.2880, 61.0230, 11.9270

Conversions

Conversions Part 2

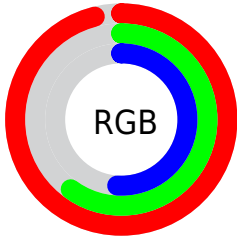
Format	Color
RYB	244, 160, 131
Decimal	16030339
CIELab	72.22, 31.20, 26.18
CIElCh	72, 40.727, 40.008
Yxy	43.9830, 0.4267, 0.3544
Android (android.graphics.Color)	4294220419 (0xFFFF49A83)
YUV	178.2880, -23.3130, 57.6294
Hunter-Lab	66.3197, 26.4845, 22.1328

Details

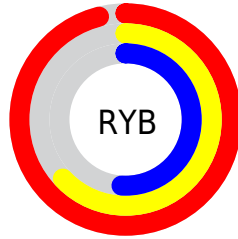
The XYZ color **52.9606, 43.9830, 27.1710** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **51.5444, 63.0671, 95.0443**, and the grayscale version is **42.5675, 44.7843, 48.7701**.

A 20% lighter version of the original color is **72.6922, 70.3216, 55.0895**, and **26.2442, 20.4111, 10.3411** is the 20% darker color. If you saturate the color by 10%, you get **48.5458, 37.4956, 18.4790**, and if you desaturate by 10%, it is **58.2863, 51.6689, 38.0885**.

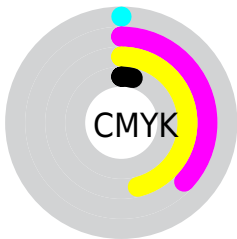
Distribution



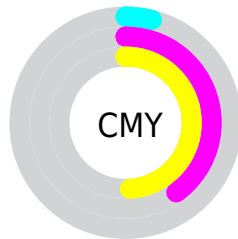
- Red (96%)
- Green (60%)
- Blue (51%)



- Red (96%)
- Yellow (63%)
- Blue (51%)



- Cyan (0%)
- Magenta (37%)
- Yellow (46%)
- Black (4%)





- Cyan (4%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9606, 43.9830, 27.1710 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 52.9606, 43.9830, 27.1710 by changing the saturation by 10% instead.


 52.9606, 43.9830,
27.1710

 52.9606, 43.9830,
27.1710


388.3973,
362.6389, 302.2704


 37.9987, 30.6571,
17.4681

 93.7123, 81.1922,
56.1652

 26.1589, 20.3379,
10.4033


 120.2327,
105.8443, 76.2936

 17.0758, 12.6409,
5.5581


 151.3367,
135.0406, 100.7343

 10.3842, 7.1817,
2.5139

187.3896,
169.1655, 129.9058

 5.7186, 3.5760,
0.8475

228.7567,
208.6033, 164.2266

 2.7138, 1.4393,
0.0000

275.8035,

 1.0043, 0.2455,

253.7386, 204.1153

0.0000

328.8952,
304.9557, 249.9904

■ 0.0000, 0.0000,
0.0000

■ 52.9606, 43.9830,
27.1710

■ 52.9606, 43.9830,
27.1710

■ 48.5458, 37.4956,
18.4790

■ 58.2863, 51.6689,
38.0885

■ 44.9858, 32.1392,
11.8554

■ 64.5677, 60.6034,
51.3685

■ 42.2233, 27.8493,
7.1266

■ 71.8510, 70.8414,
67.1403

■ 40.1919, 24.5523,
4.0892

■ 80.1779, 82.4329,
85.5226

■ 38.8129, 22.1637,
2.4908

■ 89.5879, 95.4248,
106.6267

■ 38.4350, 21.4866,
2.1216

■ 91.1182, 97.9731,
108.7160

Harmonies

Analogous

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



56.4772, 43.9830, 41.5108



52.9606, 43.9830, 27.1710



46.5673, 43.9830, 20.0719

Triad

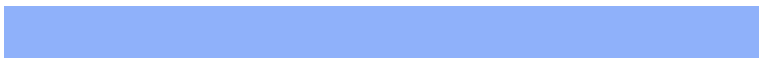
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.9606, 43.9830, 27.1710



30.4092, 43.9830, 35.9047



44.1826, 43.9830, 96.6432

Complementary

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



52.9606, 43.9830, 27.1710



51.5444, 63.0671, 95.0443

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.



37.3781, 43.9830, 93.9022



52.9606, 43.9830, 27.1710



29.9224, 43.9830, 54.8914

Square

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



52.9606, 43.9830, 27.1710



33.7497, 43.9830, 24.0538



32.3366, 43.9830, 77.1242



51.0486, 43.9830, 83.8134

Rectangle

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



52.9606, 43.9830, 27.1710



41.8027, 43.9830, 18.8014



32.3366, 43.9830, 77.1242



41.8063, 43.9830, 97.5810

Sweetspot

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



52.9617, 43.9852, 27.1718



81.4168, 81.0925, 78.5864



58.5292, 40.7079, 73.4591



17.0211, 16.7907, 15.9318



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.



52.9617, 43.9852, 27.1718



53.7409, 41.5645, 20.5780



64.4764, 67.0145, 31.0101



16.7724, 17.0288, 17.2005



20.9760, 11.8376, 1.1793



1.9137, 1.1807, 0.1270

Inverse Universe

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



51.5444, 63.0671, 95.0443



51.9342, 65.0312, 104.4228



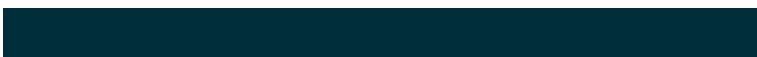
39.1267, 38.2316, 90.9051



16.6934, 18.1512, 21.1663



19.5084, 24.8105, 50.2987



1.7853, 2.3220, 4.4443

Previews

White Background



This preview shows how the XYZ color 52.9606, 43.9830, 27.1710 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 52.9606, 43.9830, 27.1710 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 52.9606, 43.9830, 27.1710

Background



This preview shows how black text looks on a background with the XYZ color 52.9606, 43.9830, 27.1710.



This preview shows how white text looks on a background with the XYZ color 52.9606, 43.9830,

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

52.9606, 43.9830, 27.1710

Protanopia

41.5161, 44.1862, 31.5400

Deuteranopia

45.1350, 44.1568, 26.5663



Tritanopia

55.3454, 43.9787, 39.2899

Trichromacy



Original Color

52.9606, 43.9830, 27.1710

Protanomaly

44.9978, 43.7374, 29.7374

Deuteranomaly

47.6693, 43.8239, 26.7153

Tritanomaly

54.2278, 43.7477, 34.4402

Monochromacy



Original Color

52.9606, 43.9830, 27.1710

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.9781, 43.5057, 39.7451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9606, 43.9830, 27.1710 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(244, 154, 131)` looks like.

```
.text, #text, p{  
    color:rgb(244, 154, 131)  
}
```

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(244, 154, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 154, 131) }
```

Border

The CSS property to change the border of an element to XYZ 52.9606, 43.9830, 27.1710 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(244, 154, 131) }
```


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

```
.border{ border-color:rgb(244, 154, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 154, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 154, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 154, 131);  
box-shadow:4px 4px 4px 4px rgb(244, 154,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9606, 43.9830, 27.1710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 154, 131) }
```

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

```
.background{ background-color: rgb(244,  
154, 131) }
```

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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