

Converting Colors

XYZ(54.4859, 44.1055, 26.4153)

Have a look what the booklet for
XYZ(54.4859, 44.1055, 26.4153)
contains.

XYZ(54.4534, 44.0422, 26.3999)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.4534, 44.0422,
26.3999)**

Conversions

Conversions Part 1

Format	Color
Hex	FA9781
RGB	250, 151, 129
RGB Percent	98%, 59%, 51%
CMY	0.0196, 0.4078, 0.4941
CMYK	0.00, 0.40, 0.48, 0.02
HSL	11°, 92%, 74%
HSV	11°, 48%, 98%
XYZ	54.4534, 44.0422, 26.3999
YIQ	178.0930, 66.0660, 14.1460

Conversions

Conversions Part 2

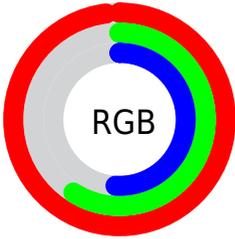
Format	Color
RYB	250, 156, 129
Decimal	16422785
CIELab	72.26, 34.85, 27.45
CIELCh	72, 44.369, 38.226
Yxy	44.0422, 0.4360, 0.3526
Android (android.graphics.Color)	4294612865 (0xFFFA9781)
YUV	178.0930, -24.2028, 63.0624
Hunter-Lab	66.3643, 30.3257, 22.8693

Details

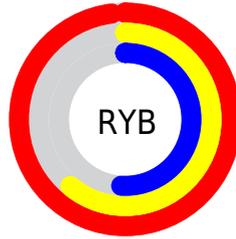
The XYZ color **54.4534, 44.0422, 26.3999** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.0505, 67.0529, 100.5359**, and the grayscale version is **42.4668, 44.6784, 48.6548**.

A 20% lighter version of the original color is **71.7548, 68.7800, 53.7500**, and **27.1450, 20.4500, 10.1060** is the 20% darker color. If you saturate the color by 10%, you get **49.9795, 37.4364, 17.6888**, and if you desaturate by 10%, it is **59.9071, 51.9571, 37.4437**.

Distribution



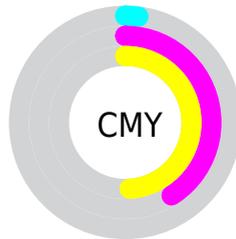
- Red (98%)
- Green (59%)
- Blue (51%)



- Red (98%)
- Yellow (61%)
- Blue (51%)



- Cyan (0%)
- Magenta (40%)
- Yellow (48%)
- Black (2%)



- Cyan (2%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4534, 44.0422, 26.3999 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 54.4534, 44.0422, 26.3999 by changing the saturation by 10% instead.

 54.4534, 44.0422,
26.3999

 54.4534, 44.0422,
26.3999

394.0068,
362.8805, 298.4074

 39.1964, 30.7037,
16.8946

 95.8926, 81.2812,
54.9114

 27.0939, 20.3733,
9.9982

 122.8056,
105.9506, 74.7546

 17.7807, 12.6667,
5.2922

 154.3345,
135.1656, 98.8809

 10.8914, 7.1994,
2.3580

190.8448,
169.3108, 127.7088

 6.0606, 3.5871,
0.7634

232.7018,
208.7704, 161.6569

 2.9230, 1.4454,
0.0000

280.2709,

 1.1132, 0.2498,

253.9290, 201.1437

0.0000

333.9175,
305.1709, 246.5876

■ 0.0361, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4534, 44.0422,
26.3999

■ 54.4534, 44.0422,
26.3999

■ 49.9795, 37.4364,
17.6888

■ 59.9071, 51.9571,
37.4437

■ 46.4223, 32.0620,
11.1393

■ 66.3917, 61.2400,
50.9698

■ 43.7166, 27.8432,
6.5604

■ 73.9588, 71.9542,
67.1181

■ 41.7861, 24.6928,
3.7263

■ 82.6553, 84.1572,
86.0172

■ 40.5336, 22.5077,
2.3230

■ 92.5255, 97.9031,
107.7875

■ 40.3805, 22.2365,
2.1638

■ 93.2342, 99.0639,
108.8150

Harmonies

Analogous

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



58.0947, 44.0422, 42.1993



54.4534, 44.0422, 26.3999



47.5324, 44.0422, 18.5956

Triad

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



54.4534, 44.0422, 26.3999



29.6789, 44.0422, 34.0167



43.9917, 44.0422, 102.6035

Complementary

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



54.4534, 44.0422, 26.3999



54.0505, 67.0529, 100.5359

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.



36.6593, 44.0422, 98.4095



54.4534, 44.0422, 26.3999



28.9735, 44.0422, 54.2104

Square

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



54.4534, 44.0422, 26.3999



33.4361, 44.0422, 21.9734



31.3766, 44.0422, 78.8750



51.5936, 44.0422, 89.0317

Rectangle

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



54.4534, 44.0422, 26.3999



42.3158, 44.0422, 17.0592



31.3766, 44.0422, 78.8750



41.4091, 44.0422, 103.2884

Sweetspot

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



54.4545, 44.0444, 26.4007



80.3087, 79.4104, 76.5703



61.5342, 41.7286, 79.5514



16.7930, 16.4397, 15.5317



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.



54.4545, 44.0444, 26.4007



52.4240, 39.3733, 18.7743



66.3512, 67.8378, 30.3663



17.4999, 17.7356, 17.9634



21.4931, 11.9428, 1.1724



2.0580, 1.2408, 0.1310

Inverse Universe

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



54.0505, 67.0529, 100.5359



51.8969, 65.8949, 104.5915



40.5590, 40.0698, 96.0387



17.4816, 19.0401, 22.1390



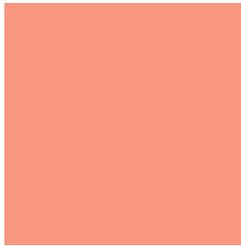
20.7715, 26.8985, 52.0707



1.9913, 2.6263, 4.8451

Previews

White Background



This preview shows how the XYZ color 54.4534, 44.0422, 26.3999 looks on a white background.

Color Contrast Check

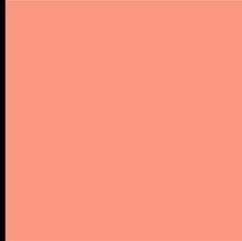
Large Text (above 18pt) WCAG AA × Fail

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 54.4534, 44.0422, 26.3999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

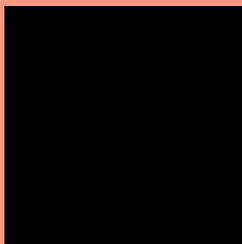
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4534, 44.0422, 26.3999

Background



This preview shows how black text looks on a background with the XYZ color 54.4534, 44.0422, 26.3999.



This preview shows how white text looks on a background with the XYZ color 54.4534, 44.0422,

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

54.4534, 44.0422, 26.3999

Protanopia

41.5161, 44.1862, 31.5400

Deuteranopia

44.9404, 44.0790, 25.5415



Tritanopia

56.7502, 44.0315, 37.8556

Trichromacy



Original Color

54.4534, 44.0422, 26.3999

Protanomaly

45.3820, 43.6603, 29.7023

Deuteranomaly

47.9144, 43.7083, 25.6498

Tritanomaly

55.6400, 43.7956, 33.1246

Monochromacy



Original Color

54.4534, 44.0422, 26.3999

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.2496, 43.3807, 39.2461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4534, 44.0422, 26.3999 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(250, 151, 129)` looks like.

```
.text, #text, p{  
    color:rgb(250, 151, 129)  
}
```

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(250, 151, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 151, 129) }
```

Border

The CSS property to change the border of an element to XYZ 54.4534, 44.0422, 26.3999 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(250, 151, 129) }
```

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

```
.border{ border-color:rgb(250, 151, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 151, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 151, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 151, 129);  
box-shadow:4px 4px 4px 4px rgb(250, 151,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4534, 44.0422, 26.3999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 151, 129) }
```

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

```
.background{ background-color: rgb(250,  
151, 129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor