

Converting Colors

XYZ(55.4621, 43.1495, 26.8782)

Have a look what the booklet for
XYZ(55.4621, 43.1495, 26.8782)
contains.

XYZ(55.4621, 43.1495, 26.8782)	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(55.4621, 43.1495,
26.8782)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9183
RGB	255, 145, 131
RGB Percent	100%, 57%, 51%
CMY	0.0000, 0.4313, 0.4863
CMYK	0.00, 0.43, 0.49, 0.00
HSL	7°, 100%, 76%
HSV	7°, 49%, 100%
XYZ	55.4621, 43.1495, 26.8782
YIQ	176.2940, 70.0540, 18.9660

Conversions

Conversions Part 2

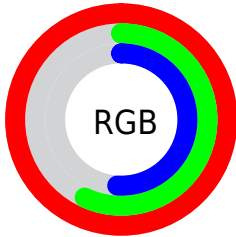
Format	Color
R_{YB}	255, 147, 131
Decimal	16748931
CIE _{Lab}	71.66, 39.99, 25.67
CIE _{LCh}	72, 47.521, 32.696
Yxy	43.1495, 0.4420, 0.3438
Android (android.graphics.Color)	4294939011 (0xFFFF9183)
YUV	176.2940, -22.3299, 69.0252
Hunter-Lab	65.6883, 35.7571, 21.7216

Details

The XYZ color **55.4621, 43.1495, 26.8782** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.8635, 74.9519, 105.9721**, and the grayscale version is **41.5087, 43.6704, 47.5571**.

A 20% lighter version of the original color is **70.5460, 66.0292, 54.3741**, and **27.5605, 19.7177, 10.1379** is the 20% darker color. If you saturate the color by 10%, you get **50.8227, 36.3047, 17.8289**, and if you desaturate by 10%, it is **61.2170, 51.5450, 38.3981**.

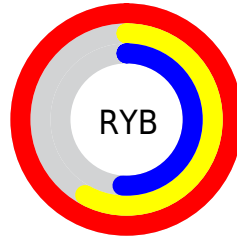
Distribution



Red (100%)

Green (57%)

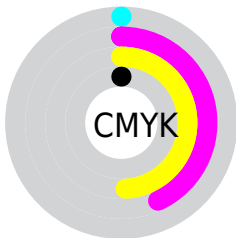
Blue (51%)



Red (100%)

Yellow (58%)

Blue (51%)

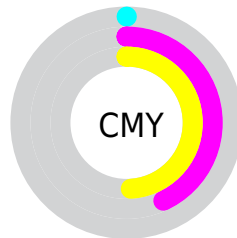


Cyan (0%)

Magenta (43%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4621, 43.1495, 26.8782 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 55.4621, 43.1495, 26.8782 by changing the saturation by 10% instead.


 55.4621, 43.1495,
26.8782


 55.4621, 43.1495,
26.8782


397.7692,
359.2262, 300.8084


 40.0071, 30.0024,
17.2501


 97.3621, 79.9364,
55.6897

 27.7283, 19.8404,
10.2492

 124.5377,
104.3450, 75.7103

 18.2604, 12.2791,
5.4567


 156.3510,
133.2763, 100.0320

 11.2379, 6.9341,
2.4543

193.1673,
167.1146, 129.0736

 6.2956, 3.4209,
0.8158

235.3519,
206.2444, 163.2535

 3.0680, 1.3552,
0.0000

283.2702,

 1.1898, 0.1834,

251.0500, 202.9902

0.0000

337.2875,
301.9158, 248.7023

■ 0.0983, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4621, 43.1495,
26.8782

■ 55.4621, 43.1495,
26.8782

■ 50.8227, 36.3047,
17.8289

■ 61.2170, 51.5450,
38.3981

■ 47.2228, 30.9091,
11.0668

■ 68.1504, 61.5712,
52.5490

■ 44.5818, 26.8596,
6.3868

■ 76.3243, 73.3107,
69.4808

■ 42.8055, 24.0365,
3.5459

■ 85.7956, 86.8384,
89.3311

■ 41.7731, 22.2957, 95.0498, 99.9999,
2.2024 108.9000

■ 41.6744, 22.1291,
2.0748

Harmonies

Analogous

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



58.4934, 43.1495, 44.9283



55.4621, 43.1495, 26.8782



48.5281, 43.1495, 17.5798

Triad

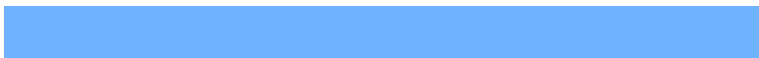
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.4621, 43.1495, 26.8782



28.7411, 43.1495, 29.4444



41.7446, 43.1495, 106.6124

Complementary

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



55.4621, 43.1495, 26.8782



58.8635, 74.9519, 105.9721

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.



34.3156, 43.1495, 98.3916



55.4621, 43.1495, 26.8782



27.4153, 43.1495, 49.0983

Square

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



55.4621, 43.1495, 26.8782



33.2081, 43.1495, 18.6847



29.3193, 43.1495, 75.2195



49.9524, 43.1495, 95.0182

Rectangle

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



55.4621, 43.1495, 26.8782



43.0112, 43.1495, 15.3081



29.3193, 43.1495, 75.2195



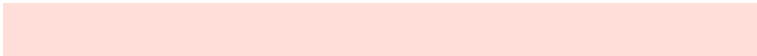
39.0763, 43.1495, 106.0771

Sweetspot

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



55.4632, 43.1517, 26.8790



79.6070, 78.0069, 76.3364



65.4735, 43.9397, 89.5078



16.6263, 16.1063, 15.4762



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.



55.4632, 43.1517, 26.8790



51.0825, 36.6904, 18.3271



67.2638, 66.7530, 30.8125



18.1745, 18.3172, 18.7220



21.8282, 11.6676, 1.1016



2.1763, 1.2379, 0.1242

Inverse Universe

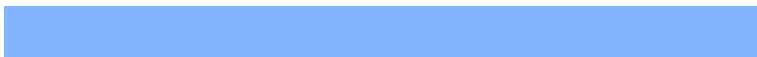
The Inverse Universe completely reimagines the original color for something new.



58.8635, 74.9519, 105.9721



54.7856, 71.6723, 105.5544



43.8529, 44.9309, 100.9686



18.3693, 20.1103, 23.1635



23.7402, 32.3900, 54.4352



2.3592, 3.2492, 5.3161

Previews

White Background



This preview shows how the XYZ color 55.4621, 43.1495, 26.8782 looks on a white background.

Color Contrast Check

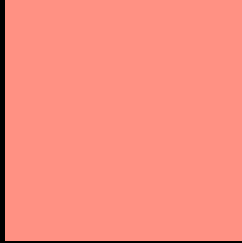
Large Text (above 18pt) WCAG AA × Fail

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 55.4621, 43.1495, 26.8782 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 55.4621, 43.1495, 26.8782

Background



This preview shows how black text looks on a background with the XYZ color 55.4621, 43.1495, 26.8782.

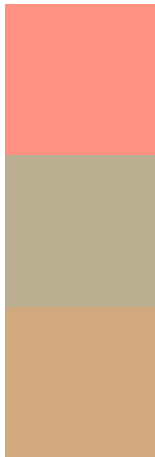


This preview shows how white text looks on a background with the XYZ color 55.4621, 43.1495,

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

55.4621, 43.1495, 26.8782

Protanopia

40.8859, 43.5341, 33.0361

Deuteranopia

44.3132, 43.4635, 26.1324



Tritanopia

56.8122, 43.2048, 35.4820

Trichromacy



Original Color

55.4621, 43.1495, 26.8782

Protanomaly

45.0527, 42.6526, 30.6692

Deuteranomaly

47.8311, 42.8689, 26.1756

Tritanomaly

56.3241, 43.2509, 32.1677

Monochromacy



Original Color

55.4621, 43.1495, 26.8782

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

44.9771, 42.4275, 39.0765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4621, 43.1495, 26.8782 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(255, 145, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 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(255, 145, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 131) }
```

Border

The CSS property to change the border of an element to XYZ 55.4621, 43.1495, 26.8782 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(255, 145, 131) }
```


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

```
.border{ border-color:rgb(255, 145, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 145, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 131);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4621, 43.1495, 26.8782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 131) }
```

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

```
.background{ background-color: rgb(255,  
145, 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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