

Converting Colors

XYZ(61.1373, 53.4097, 32.1303)

Have a look what the booklet for
XYZ(61.1373, 53.4097, 32.1303)
contains.

XYZ(61.1838, 53.4552, 32.2925)	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(61.1838, 53.4552,
32.2925)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAE8D
RGB	255, 174, 141
RGB Percent	100%, 68%, 55%
CMY	0.0000, 0.3176, 0.4471
CMYK	0.00, 0.32, 0.45, 0.00
HSL	17°, 100%, 78%
HSV	17°, 45%, 100%
XYZ	61.1838, 53.4552, 32.2925
YIQ	194.4570, 58.8690, 6.9090

Conversions

Conversions Part 2

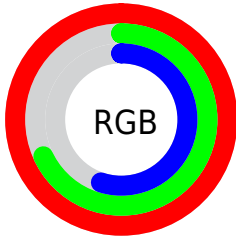
Format	Color
R _Y B	255, 187, 141
Decimal	16756365
CIE Lab	78.14, 25.93, 28.94
CIE LCh	78, 38.858, 48.138
Yxy	53.4552, 0.4164, 0.3638
Android (android.graphics.Color)	4294946445 (0xFFFFAE8D)
YUV	194.4570, -26.3543, 53.0962
Hunter-Lab	73.1131, 21.4277, 24.9920

Details

The XYZ color **61.1838, 53.4552, 32.2925** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.1546, 65.1226, 104.2706**, and the grayscale version is **51.6772, 54.3685, 59.2073**.

A 20% lighter version of the original color is **79.3871, 81.7938, 63.2334**, and **31.4478, 26.1487, 13.0626** is the 20% darker color. If you saturate the color by 10%, you get **56.2334, 46.2493, 22.3346**, and if you desaturate by 10%, it is **67.0459, 61.7853, 44.7102**.

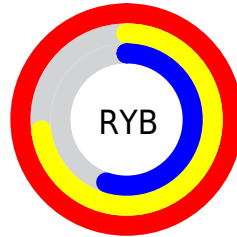
Distribution



Red (100%)

Green (68%)

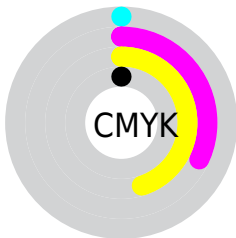
Blue (55%)



Red (100%)

Yellow (73%)

Blue (55%)

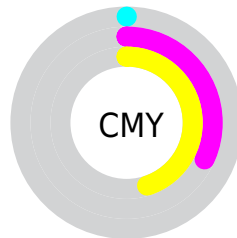


Cyan (0%)

Magenta (32%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1838, 53.4552, 32.2925 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 61.1838, 53.4552, 32.2925 by changing the saturation by 10% instead.


 61.1838, 53.4552,
32.2925

 61.1838, 53.4552,
32.2925


418.7128,
400.0291, 326.9832


 44.6266, 38.1663,
21.3183

 105.6416, 95.2739,
64.3726

 31.3635, 26.1118,
13.1634


 134.2730,
122.5724, 86.3156

 21.0289, 16.9073,
7.4091


 167.6598,
154.6429, 112.7520

 13.2577, 10.1684,
3.6369

206.1674,
191.8698, 144.1002

 7.6845, 5.5108,
1.4284

250.1611,
234.6375, 180.7790

 3.9438, 2.5499,
0.1637

300.0063,

 1.6704, 0.9016,

283.3303, 223.2067

0.0000

356.0684,
338.3327, 271.8019

■ 0.4376, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1838, 53.4552,
32.2925

■ 61.1838, 53.4552,
32.2925

■ 56.2334, 46.2493,
22.3346

■ 67.0459, 61.7853,
44.7102

■ 52.1413, 40.1099,
14.6671

■ 73.8607, 71.2781,
59.7353

■ 48.8548, 34.9860,
9.1037

■ 81.6717, 81.9800,
77.5074

■ 46.3123, 30.8187,
5.4273

■ 90.5184, 93.9322,
98.1552

■ 44.4414, 27.5415, 95.0499, 100.0000,
3.3717 108.9000

■ 43.6773, 26.1346,
2.7424

Harmonies

Analogous

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



65.9788, 53.4552, 46.1364



61.1838, 53.4552, 32.2925



53.8674, 53.4552, 26.1306

Triad

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



61.1838, 53.4552, 32.2925



37.8201, 53.4552, 50.0267



55.4881, 53.4552, 107.6511

Complementary

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



61.1838, 53.4552, 32.2925



55.1546, 65.1226, 104.2706

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.



47.8659, 53.4552, 109.4456



61.1838, 53.4552, 32.2925



38.1608, 53.4552, 72.2104

Square

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



61.1838, 53.4552, 32.2925



40.6940, 53.4552, 34.5269



41.6763, 53.4552, 95.2159



62.4716, 53.4552, 90.7938

Rectangle

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



61.1838, 53.4552, 32.2925



48.7694, 53.4552, 25.8549



41.6763, 53.4552, 95.2159



52.9018, 53.4552, 110.1659

Sweetspot

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



61.1851, 53.4578, 32.2935



83.1061, 83.9286, 80.8216



64.0440, 45.6218, 75.0308



17.3920, 17.4258, 16.3844



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.



61.1851, 53.4578, 32.2935



56.5539, 46.7220, 22.9598



74.4282, 79.9440, 36.7079



18.4377, 18.8437, 18.8097



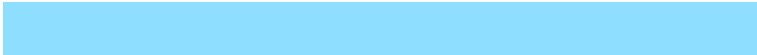
22.9327, 13.8766, 1.4698



2.3219, 1.5292, 0.1728

Inverse Universe

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



55.1546, 65.1226, 104.2706



49.7607, 59.6912, 103.5066



42.6167, 40.0468, 100.0913



18.0845, 19.5407, 23.0685



18.2186, 21.3468, 52.5947



1.8679, 2.2665, 5.1523

Previews

White Background



This preview shows how the XYZ color 61.1838, 53.4552, 32.2925 looks on a white background.

Color Contrast Check

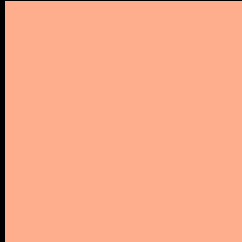
Large Text (above 18pt) WCAG AA × Fail

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 61.1838, 53.4552, 32.2925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

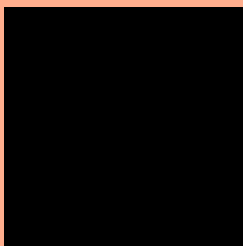
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1838, 53.4552, 32.2925

Background



This preview shows how black text looks on a background with the XYZ color 61.1838, 53.4552, 32.2925.



This preview shows how white text looks on a background with the XYZ color 61.1838, 53.4552,

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

61.1838, 53.4552, 32.2925

Protanopia

50.3071, 53.6073, 36.5499

Deuteranopia

54.6423, 53.3850, 31.8505



Tritanopia

64.0582, 53.3868, 51.1844

Trichromacy



Original Color

61.1838, 53.4552, 32.2925

Protanomaly

53.5658, 53.0717, 35.0244

Deuteranomaly

56.8541, 53.2919, 32.1008

Tritanomaly

62.7780, 53.1758, 43.5144

Monochromacy



Original Color

61.1838, 53.4552, 32.2925

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.8271, 53.2347, 47.9958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1838, 53.4552, 32.2925 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, 174, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 141)  
}
```

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, 174, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 141) }
```

Border

The CSS property to change the border of an element to XYZ 61.1838, 53.4552, 32.2925 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, 174, 141) }
```


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

```
.border{ border-color:rgb(255, 174, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1838, 53.4552, 32.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 141) }
```

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

```
.background{ background-color: rgb(255,  
174, 141) }
```

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