

Converting Colors

XYZ(62.5202, 55.8269, 33.6686)

Have a look what the booklet for
XYZ(62.5202, 55.8269, 33.6686)
contains.

XYZ(62.5953, 55.9161, 33.8793)	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(62.5953, 55.9161,
33.8793)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB490
RGB	255, 180, 144
RGB Percent	100%, 71%, 56%
CMY	0.0000, 0.2941, 0.4353
CMYK	0.00, 0.29, 0.44, 0.00
HSL	19°, 100%, 78%
HSV	19°, 44%, 100%
XYZ	62.5953, 55.9161, 33.8793
YIQ	198.3210, 56.2560, 4.7040

Conversions

Conversions Part 2

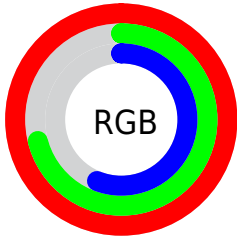
Format	Color
R _Y B	255, 197, 144
Decimal	16757904
CIE Lab	79.57, 23.09, 29.24
CIE LCh	80, 37.262, 51.703
Yxy	55.9161, 0.4108, 0.3669
Android (android.graphics.Color)	4294947984 (0xFFFFB490)
YUV	198.3210, -26.7803, 49.7075
Hunter-Lab	74.7771, 18.5611, 25.4814

Details

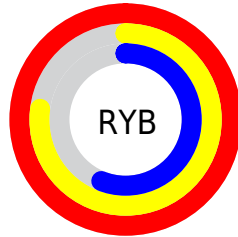
The XYZ color **62.5953, 55.9161, 33.8793** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.8820, 63.8098, 104.0316**, and the grayscale version is **54.0070, 56.8195, 61.8765**.

A 20% lighter version of the original color is **81.4285, 85.3281, 65.6043**, and **32.3301, 27.7048, 13.9995** is the 20% darker color. If you saturate the color by 10%, you get **57.5977, 48.6956, 23.6597**, and if you desaturate by 10%, it is **68.4682, 64.1828, 46.5633**.

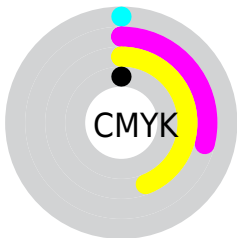
Distribution



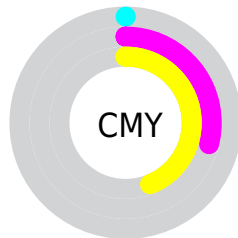
- Red (100%)
- Green (71%)
- Blue (56%)



- Red (100%)
- Yellow (77%)
- Blue (56%)



- Cyan (0%)
- Magenta (29%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5953, 55.9161, 33.8793 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 62.5953, 55.9161, 33.8793 by changing the saturation by 10% instead.


 62.5953, 55.9161,
33.8793

 62.5953, 55.9161,
33.8793


423.7823,
409.3752, 334.3462

 45.7713, 40.1357,
22.5243


 107.6705, 98.8819,
66.8777

 32.2693, 27.6443,
14.0406


 136.6525,
126.8360, 89.3581

 21.7238, 18.0577,
8.0099


170.4178,
159.6169, 116.3841

 13.7695, 10.9914,
4.0134

209.3318,
197.6088, 148.3742

 8.0412, 6.0611,
1.6327

253.7600,
241.1962, 185.7469

 4.1733, 2.8823,
0.3140

304.0675,

 1.8007, 1.0706,

290.7635, 228.9208

0.0000

360.6198,
346.6950, 278.3144

■ 0.5181, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.5953, 55.9161,
33.8793

■ 62.5953, 55.9161,
33.8793

■ 57.5977, 48.6956,
23.6597

■ 68.4682, 64.1828,
46.5633

■ 53.4254, 42.4695,
15.7379

■ 75.2545, 73.5282,
61.8567

■ 50.0293, 37.1936,
9.9317

■ 82.9947, 83.9938,
79.8971

■ 47.3525, 32.8163,
6.0291

■ 91.7258, 95.6160,
100.8113

■ 45.3279, 29.2802,
3.7727

95.0500, 100.0000,
108.9000

■ 44.3115, 27.4030,
2.9538

Harmonies

Analogous

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



67.7047, 55.9161, 46.8504



62.5953, 55.9161, 33.8793



55.2551, 55.9161, 28.4743

Triad

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



62.5953, 55.9161, 33.8793



40.1142, 55.9161, 55.1149



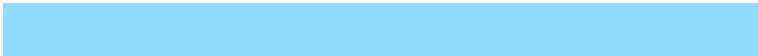
58.6604, 55.9161, 107.8890

Complementary

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



62.5953, 55.9161, 33.8793



54.8820, 63.8098, 104.0316

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.



51.0924, 55.9161, 111.5850



62.5953, 55.9161, 33.8793



40.8410, 55.9161, 77.4706

Square

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



62.5953, 55.9161, 33.8793



42.6121, 55.9161, 38.7046



44.7000, 55.9161, 99.3937



65.2882, 55.9161, 90.2370

Rectangle

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



62.5953, 55.9161, 33.8793



50.2745, 55.9161, 28.7319



44.7000, 55.9161, 99.3937



56.1260, 55.9161, 110.9478

Sweetspot

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



62.5967, 55.9188, 33.8804



83.4314, 84.5792, 80.9300



64.1119, 46.3664, 73.1769



17.4716, 17.5851, 16.4109



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.



62.5967, 55.9188, 33.8804



58.3073, 49.7342, 25.0691



75.8824, 82.4902, 38.3090



18.4904, 18.9490, 18.8273



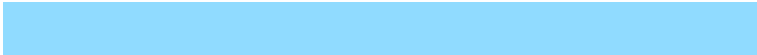
23.2734, 14.5580, 1.5833



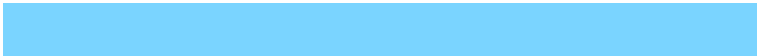
2.3604, 1.6062, 0.1856

Inverse Universe

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



54.8820, 63.8098, 104.0316



49.6733, 58.4678, 103.2751



42.8903, 39.8262, 100.0343



18.0291, 19.4297, 23.0500



17.3099, 19.5294, 52.2918



1.7848, 2.1003, 5.1246

Previews

White Background



This preview shows how the XYZ color 62.5953, 55.9161, 33.8793 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 62.5953, 55.9161, 33.8793 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 62.5953, 55.9161, 33.8793

Background



This preview shows how black text looks on a background with the XYZ color 62.5953, 55.9161, 33.8793.



This preview shows how white text looks on a background with the XYZ color 62.5953, 55.9161,

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

62.5953, 55.9161, 33.8793

Protanopia

52.4977, 56.0484, 37.7573

Deuteranopia

57.0118, 55.8406, 33.3647



Tritanopia

65.8424, 55.9415, 54.9045

Trichromacy



Original Color

62.5953, 55.9161, 33.8793

Protanomaly

55.7342, 55.7624, 36.2595

Deuteranomaly

59.1348, 55.9782, 33.6747

Tritanomaly

64.4085, 55.6828, 46.3829

Monochromacy



Original Color

62.5953, 55.9161, 33.8793

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.8801, 55.5360, 49.8938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5953, 55.9161, 33.8793 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, 180, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 144)  
}
```

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, 180, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 144) }
```

Border

The CSS property to change the border of an element to XYZ 62.5953, 55.9161, 33.8793 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, 180, 144) }
```


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

```
.border{ border-color:rgb(255, 180, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5953, 55.9161, 33.8793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 144) }
```

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

```
.background{ background-color: rgb(255,  
180, 144) }
```

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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