

Converting Colors

XYZ(95.6023, 72.5322, 30.6215)

Have a look what the booklet for
XYZ(95.6023, 72.5322, 30.6215)
contains.

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Color

**XYZ(61.3253, 54.7667,
29.1686)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB284
RGB	255, 178, 132
RGB Percent	100%, 70%, 52%
CMY	0.0000, 0.3019, 0.4823
CMYK	0.00, 0.30, 0.48, 0.00
HSL	22°, 100%, 76%
HSV	22°, 48%, 100%
XYZ	61.3253, 54.7667, 29.1686
YIQ	195.7790, 60.6580, 2.0180

Conversions

Conversions Part 2

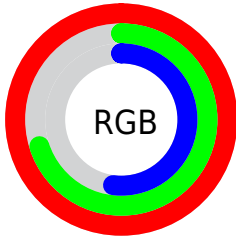
Format	Color
R _Y B	255, 205, 132
Decimal	16757380
CIE Lab	78.91, 22.97, 34.70
CIE LCh	79, 41.618, 56.497
Yxy	54.7667, 0.4222, 0.3770
Android (android.graphics.Color)	4294947460 (0xFFFFB284)
YUV	195.7790, -31.4430, 51.9368
Hunter-Lab	74.0045, 18.4096, 28.4342

Details

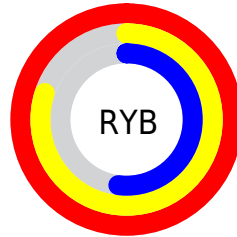
The XYZ color **61.3253, 54.7667, 29.1686** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.3652, 57.7241, 103.0950**, and the grayscale version is **52.4951, 55.2289, 60.1443**.

A 20% lighter version of the original color is **79.5257, 83.6508, 58.4091**, and **31.3623, 26.8785, 11.5177** is the 20% darker color. If you saturate the color by 10%, you get **56.7958, 48.1673, 20.0766**, and if you desaturate by 10%, it is **66.6536, 62.2812, 40.6317**.

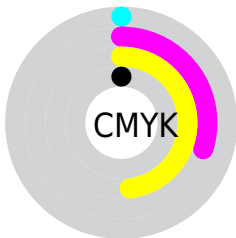
Distribution



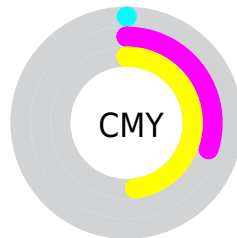
- Red (100%)
- Green (70%)
- Blue (52%)



- Red (100%)
- Yellow (80%)
- Blue (52%)



- Cyan (0%)
- Magenta (30%)
- Yellow (48%)
- Black (0%)




- Cyan (0%)
- Magenta (30%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3253, 54.7667, 29.1686 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 61.3253, 54.7667, 29.1686 by changing the saturation by 10% instead.


 61.3253, 54.7667,
29.1686


 61.3253, 54.7667,
29.1686


419.2226,
405.0270, 312.0954


 44.7413, 39.2150,
18.9617


 105.8453, 97.1991,
59.3902

 31.4541, 26.9270,
11.4661


 134.5119,
124.8485, 80.2421

 21.0984, 17.5184,
6.2632

 167.9368,
157.2992, 105.4793

 13.3088, 10.6048,
2.9344

206.4853,
194.9357, 135.5205

 7.7200, 5.8018,
1.0612

250.5228,
238.1423, 170.7841

 3.9666, 2.7249,
0.0000

300.4146,

 1.6833, 0.9899,

287.3035, 211.6888

0.0000

356.5261,
342.8036, 258.6531

0.4458, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

61.3253, 54.7667,
29.1686

61.3253, 54.7667,
29.1686

56.7958, 48.1673,
20.0766

66.6536, 62.2812,
40.6317

53.0168, 42.4372,
13.1818

72.8170, 70.7381,
54.6166

49.9402, 37.5378,
8.2912

79.8543, 80.1735,
71.2648

47.5094, 33.4239,
5.1758

87.8006, 90.6189,
90.7067

■ 45.6506, 30.0418, 95.0500, 100.0000,
3.5219 108.9000

■ 45.3663, 29.5126,
3.3054

Harmonies

Analogous

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



67.6065, 54.7667, 41.5479



61.3253, 54.7667, 29.1686



53.0309, 54.7667, 24.7701

Triad

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



61.3253, 54.7667, 29.1686



37.7522, 54.7667, 56.8946



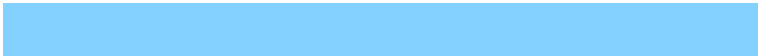
59.4689, 54.7667, 110.3248

Complementary

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



61.3253, 54.7667, 29.1686



50.3652, 57.7241, 103.0950

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.



51.0894, 54.7667, 117.5520



61.3253, 54.7667, 29.1686



39.0909, 54.7667, 82.3224

Square

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



61.3253, 54.7667, 29.1686



39.8983, 54.7667, 37.8773



43.7678, 54.7667, 106.1880



66.4576, 54.7667, 88.4378

Rectangle

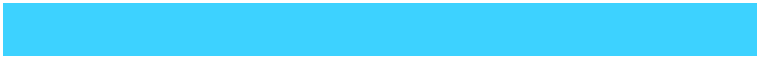
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.3253, 54.7667, 29.1686



47.6717, 54.7667, 25.7789



43.7678, 54.7667, 106.1880



56.6972, 54.7667, 114.7632

Sweetspot

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



61.3266, 54.7694, 29.1697



83.1065, 84.4718, 79.1496



61.1119, 42.4111, 65.8730



17.4291, 17.6068, 16.0678



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.



61.3266, 54.7694, 29.1697



56.8934, 48.3122, 20.2641



76.1545, 84.4251, 34.1123



18.5659, 19.1001, 18.8525



23.8361, 15.6834, 1.7709



2.4216, 1.7285, 0.2060

Inverse Universe

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



50.3652, 57.7241, 103.0950



44.7059, 51.5130, 102.1945



38.2189, 33.4316, 99.0463



17.9505, 19.2726, 23.0238



16.1140, 17.1375, 51.8932



1.6739, 1.8786, 5.0876

Previews

White Background



This preview shows how the XYZ color 61.3253, 54.7667, 29.1686 looks on a white background.

Color Contrast Check

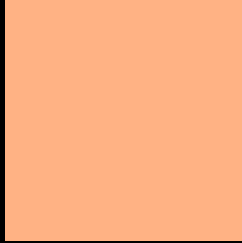
Large Text (above 18pt) WCAG AA × Fail

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 61.3253, 54.7667, 29.1686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

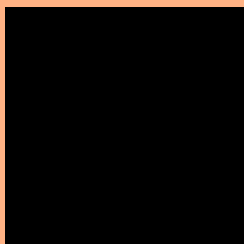
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3253, 54.7667, 29.1686

Background



This preview shows how black text looks on a background with the XYZ color 61.3253, 54.7667, 29.1686.



This preview shows how white text looks on a background with the XYZ color 61.3253, 54.7667,

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

61.3253, 54.7667, 29.1686

Protanopia

51.2641, 55.1928, 32.3775

Deuteranopia

56.0605, 54.8145, 28.7446



Tritanopia

64.9405, 54.6499, 53.0247

Trichromacy



Original Color

61.3253, 54.7667, 29.1686



Protanomaly

54.3201, 54.5037, 30.9498



Deuteranomaly

57.8552, 54.7969, 29.0003



Tritanomaly

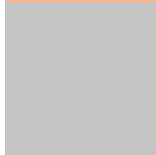
63.4529, 54.6731, 43.2850

Monochromacy



Original Color

61.3253, 54.7667, 29.1686



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

54.3557, 54.1640, 47.1250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3253, 54.7667, 29.1686 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, 178, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 132)  
}
```

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, 178, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 132) }
```

Border

The CSS property to change the border of an element to XYZ 61.3253, 54.7667, 29.1686 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, 178, 132) }
```


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

```
.border{ border-color:rgb(255, 178, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3253, 54.7667, 29.1686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 132) }
```

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

```
.background{ background-color: rgb(255,  
178, 132) }
```

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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