

Converting Colors

XYZ(61.3609, 54.0973, 28.7415)

Have a look what the booklet for
XYZ(61.3609, 54.0973, 28.7415)
contains.

XYZ(60.8621, 53.9494, 28.6782)	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(60.8621, 53.9494,
28.6782)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB083
RGB	255, 176, 131
RGB Percent	100%, 69%, 51%
CMY	0.0000, 0.3098, 0.4863
CMYK	0.00, 0.31, 0.49, 0.00
HSL	22°, 100%, 76%
HSV	22°, 49%, 100%
XYZ	60.8621, 53.9494, 28.6782
YIQ	194.4910, 61.5290, 2.7530

Conversions

Conversions Part 2

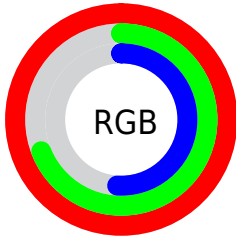
Format	Color
R_{YB}	255, 202, 131
Decimal	16756867
CIE _{Lab}	78.43, 23.93, 34.61
CIE _{LCh}	78, 42.078, 55.344
Yxy	53.9494, 0.4242, 0.3760
Android (android.graphics.Color)	4294946947 (0xFFFFB083)
YUV	194.4910, -31.3011, 53.0664
Hunter-Lab	73.4503, 19.3701, 28.2658

Details

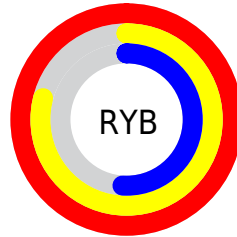
The XYZ color **60.8621, 53.9494, 28.6782** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.4555, 58.1359, 103.1696**, and the grayscale version is **51.7248, 54.4185, 59.2618**.

A 20% lighter version of the original color is **78.7483, 82.4339, 57.1083**, and **31.0738, 26.3621, 11.2352** is the 20% darker color. If you saturate the color by 10%, you get **56.3452, 47.3494, 19.6698**, and if you desaturate by 10%, it is **66.1882, 61.4871, 40.0554**.

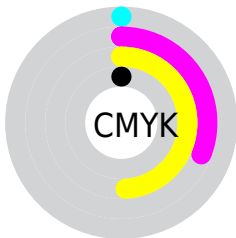
Distribution



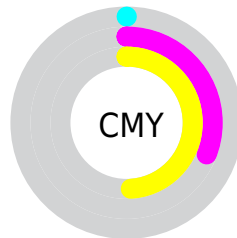
- Red (100%)
- Green (69%)
- Blue (51%)



- Red (100%)
- Yellow (79%)
- Blue (51%)



- Cyan (0%)
- Magenta (31%)
- Yellow (49%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8621, 53.9494, 28.6782 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 60.8621, 53.9494, 28.6782 by changing the saturation by 10% instead.


 60.8621, 53.9494,
28.6782


 60.8621, 53.9494,
28.6782


417.5522,
401.9170, 309.7069


 44.3660, 38.5612,
18.5940


 105.1785, 95.9999,
58.6015

 31.1575, 26.4185,
11.2035


 133.7295,
123.4311, 79.2777

 20.8712, 17.1370,
6.0880


 167.0295,
155.6453, 104.3217

 13.1418, 10.3322,
2.8290

205.4439,
193.0271, 134.1519

 7.6040, 5.6198,
1.0080

249.3380,
235.9608, 169.1870

 3.8922, 2.6153,
0.0000

299.0772,

 1.6414, 0.9344,

284.8307, 209.8455

0.0000

355.0268,
340.0213, 256.5460

■ 0.4191, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8621, 53.9494,
28.6782

■ 60.8621, 53.9494,
28.6782

■ 56.3452, 47.3494,
19.6698

■ 66.1882, 61.4871,
40.0554

■ 52.5883, 41.6398,
12.8553

■ 72.3606, 69.9916,
53.9527

■ 49.5422, 36.7803,
8.0403

■ 79.4191, 79.5000,
70.5127

■ 47.1492, 32.7237,
4.9938

■ 87.3992, 90.0454,
89.8660

■ 45.3318, 29.4130, 95.0499, 99.9999,
3.3886 108.9000

■ 45.1151, 29.0103,
3.2217

Harmonies

Analogous

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



67.0337, 53.9494, 41.3236



60.8621, 53.9494, 28.6782



52.5789, 53.9494, 24.0372

Triad

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



60.8621, 53.9494, 28.6782



37.0043, 53.9494, 55.1221



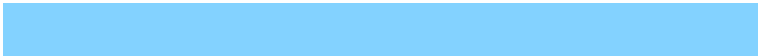
58.3902, 53.9494, 110.2638

Complementary

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



60.8621, 53.9494, 28.6782



50.4555, 58.1359, 103.1696

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.



49.9973, 53.9494, 116.8317



60.8621, 53.9494, 28.6782



38.2063, 53.9494, 80.4733

Square

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



60.8621, 53.9494, 28.6782



39.2770, 53.9494, 36.4633



42.7556, 53.9494, 104.7339



65.5023, 53.9494, 88.6321

Rectangle

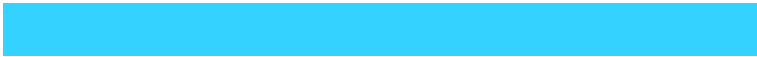
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.8621, 53.9494, 28.6782



47.1832, 53.9494, 24.8584



42.7556, 53.9494, 104.7339



55.6016, 53.9494, 114.5172

Sweetspot

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



60.8634, 53.9521, 28.6792



82.2051, 83.2033, 77.2024



61.1897, 42.2263, 66.9488



17.2455, 17.3446, 15.6826



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.



60.8634, 53.9521, 28.6792



56.6056, 47.7367, 20.1682



75.4475, 83.1202, 33.5406



18.5491, 19.0663, 18.8469



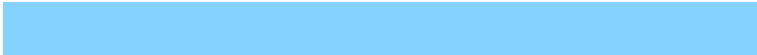
23.7025, 15.4162, 1.7264



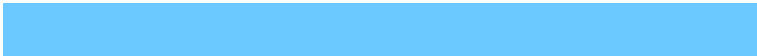
2.4073, 1.6999, 0.2012

Inverse Universe

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



50.4555, 58.1359, 103.1696



45.0866, 52.2744, 102.3214



38.2531, 33.7311, 99.1021



17.9680, 19.3076, 23.0297



16.3709, 17.6513, 51.9788



1.6979, 1.9265, 5.0956

Previews

White Background



This preview shows how the XYZ color 60.8621, 53.9494, 28.6782 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 60.8621, 53.9494, 28.6782 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 60.8621, 53.9494, 28.6782

Background



This preview shows how black text looks on a background with the XYZ color 60.8621, 53.9494, 28.6782.



This preview shows how white text looks on a background with the XYZ color 60.8621, 53.9494,

28.6782.

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

60.8621, 53.9494, 28.6782

Protanopia

50.2465, 54.0030, 32.2014

Deuteranopia

55.1256, 54.0264, 28.2916



Tritanopia

64.3502, 53.8047, 51.7935

Trichromacy



Original Color

60.8621, 53.9494, 28.6782

Protanomaly

53.5783, 53.4870, 30.7927

Deuteranomaly

57.0328, 53.7684, 28.4915

Tritanomaly

62.8844, 53.8275, 42.1973

Monochromacy



Original Color

60.8621, 53.9494, 28.6782

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.4399, 53.0799, 45.9569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8621, 53.9494, 28.6782 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, 176, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 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, 176, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 131) }
```

Border

The CSS property to change the border of an element to XYZ 60.8621, 53.9494, 28.6782 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, 176, 131) }
```


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

```
.border{ border-color:rgb(255, 176, 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, 176, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 131);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8621, 53.9494, 28.6782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 131) }
```

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

```
.background{ background-color: rgb(255,  
176, 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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