

Converting Colors

XYZ(73.2040, 58.8964, 36.8792)

Have a look what the booklet for
XYZ(73.2040, 58.8964, 36.8792)
contains.

XYZ(61.5784, 52.9994, 36.2625)	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(61.5784, 52.9994,
36.2625)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAC97
RGB	255, 172, 151
RGB Percent	100%, 67%, 59%
CMY	0.0000, 0.3255, 0.4078
CMYK	0.00, 0.33, 0.41, 0.00
HSL	12°, 100%, 80%
HSV	12°, 41%, 100%
XYZ	61.5784, 52.9994, 36.2625
YIQ	194.4230, 56.2090, 11.0650

Conversions

Conversions Part 2

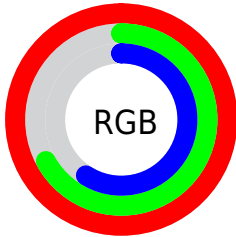
Format	Color
R _Y B	255, 177, 151
Decimal	16755863
CIE Lab	77.87, 28.01, 23.22
CIE LCh	78, 36.387, 39.655
Yxy	52.9994, 0.4082, 0.3514
Android (android.graphics.Color)	4294945943 (0xFFFFAC97)
YUV	194.4230, -21.4075, 53.1260
Hunter-Lab	72.8007, 23.5829, 21.4277

Details

The XYZ color **61.5784, 52.9994, 36.2625** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.2339, 72.6419, 105.4542**, and the grayscale version is **51.6297, 54.3184, 59.1528**.

A 20% lighter version of the original color is **80.0028, 81.1546, 69.2054**, and **31.6620, 25.8495, 15.3773** is the 20% darker color. If you saturate the color by 10%, you get **56.1464, 45.0988, 25.3161**, and if you desaturate by 10%, it is **68.0541, 62.2704, 49.7674**.

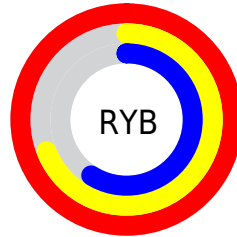
Distribution



Red (100%)

Green (67%)

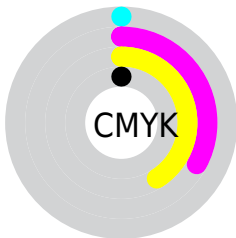
Blue (59%)



Red (100%)

Yellow (69%)

Blue (59%)

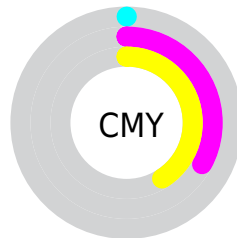


Cyan (0%)

Magenta (33%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5784, 52.9994, 36.2625 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 61.5784, 52.9994, 36.2625 by changing the saturation by 10% instead.


 61.5784, 52.9994,
36.2625

 61.5784, 52.9994,
36.2625


420.1337,
398.2828, 345.1785

 44.9464, 37.8023,
24.3457

 106.2093, 94.6035,
70.6106

 31.6163, 25.8293,
15.3757

 134.9390,
121.7793, 93.8791

 21.2227, 16.6960,
8.9339


168.4320,
153.7167, 121.7684

 13.4003, 10.0180,
4.6019

207.0536,
190.8002, 154.6973

 7.7837, 5.4109,
1.9610

251.1693,
233.4142, 193.0842

 4.0075, 2.4903,
0.5311

301.1442,

 1.7064, 0.8718,

281.9430, 237.3477

0.0000

357.3439,
336.7711, 287.9062

0.4602, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

61.5784, 52.9994,
36.2625

61.5784, 52.9994,
36.2625

56.1464, 45.0988,
25.3161

68.0541, 62.2704,
49.7674

51.6979, 38.4955,
16.7625

75.6211, 72.9649,
65.9759

48.1728, 33.1209,
10.4215

84.3290, 85.1429,
85.0259

45.5020, 28.8971,
6.0854

94.2230, 98.8584,
107.0451

■ 43.6060, 25.7366, 95.0499, 100.0000,
3.5066 108.9000

■ 42.4459, 23.6719,
2.3320

Harmonies

Analogous

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



64.9947, 52.9994, 51.4226



61.5784, 52.9994, 36.2625



55.2484, 52.9994, 28.3664

Triad

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



61.5784, 52.9994, 36.2625



38.6763, 52.9994, 45.2059



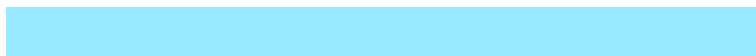
52.6882, 52.9994, 105.2090

Complementary

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



61.5784, 52.9994, 36.2625



60.2339, 72.6419, 105.4542

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.



45.7957, 52.9994, 102.4331



61.5784, 52.9994, 36.2625



38.1295, 52.9994, 64.4843

Square

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



61.5784, 52.9994, 36.2625



42.1898, 52.9994, 32.6296



40.6191, 52.9994, 86.2792



59.5543, 52.9994, 93.1582

Rectangle

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



61.5784, 52.9994, 36.2625



50.4562, 52.9994, 26.8813



40.6191, 52.9994, 86.2792



50.2926, 52.9994, 106.0329

Sweetspot

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



61.5798, 53.0020, 36.2635



83.2075, 83.5808, 82.5530



67.1868, 49.3456, 83.9762



17.5562, 17.5360, 17.1116



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.



61.5798, 53.0020, 36.2635



57.0418, 46.4114, 27.0886



73.4279, 76.6984, 40.2129



18.3064, 18.5811, 18.7660



22.2622, 12.5356, 1.2463



2.2405, 1.3663, 0.1456

Inverse Universe

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



60.2339, 72.6419, 105.4542



55.4945, 68.4315, 104.8915



47.5818, 47.3377, 101.2368



18.2249, 19.8215, 23.1153



20.7609, 26.4314, 53.4421



2.0966, 2.7240, 5.2285

Previews

White Background



This preview shows how the XYZ color 61.5784, 52.9994, 36.2625 looks on a white background.

Color Contrast Check

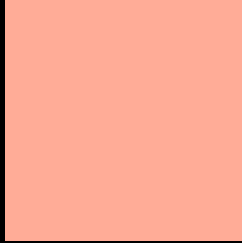
Large Text (above 18pt) WCAG AA × Fail

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 61.5784, 52.9994, 36.2625 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 61.5784, 52.9994, 36.2625

Background



This preview shows how black text looks on a background with the XYZ color 61.5784, 52.9994, 36.2625.



This preview shows how white text looks on a background with the XYZ color 61.5784, 52.9994,

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

61.5784, 52.9994, 36.2625

Protanopia

50.1845, 53.1099, 41.3244

Deuteranopia

54.1378, 53.0366, 35.8175



Tritanopia

63.7685, 52.9721, 50.5797

Trichromacy



Original Color

61.5784, 52.9994, 36.2625

Protanomaly

53.8662, 52.8202, 39.2546

Deuteranomaly

56.7513, 52.8490, 36.0639

Tritanomaly

62.8704, 52.9117, 44.9296

Monochromacy



Original Color

61.5784, 52.9994, 36.2625

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.9137, 52.9311, 49.4946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5784, 52.9994, 36.2625 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, 172, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 151)  
}
```

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, 172, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 151) }
```

Border

The CSS property to change the border of an element to XYZ 61.5784, 52.9994, 36.2625 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, 172, 151) }
```


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

```
.border{ border-color:rgb(255, 172, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5784, 52.9994, 36.2625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 151) }
```

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

```
.background{ background-color: rgb(255,  
172, 151) }
```

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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