

Converting Colors

XYZ(66.5439, 55.7971, 36.5460)

Have a look what the booklet for
XYZ(66.5439, 55.7971, 36.5460)
contains.

XYZ(61.7695, 53.3815, 36.3262)	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(61.7695, 53.3815,
36.3262)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAD97
RGB	255, 173, 151
RGB Percent	100%, 68%, 59%
CMY	0.0000, 0.3215, 0.4078
CMYK	0.00, 0.32, 0.41, 0.00
HSL	13°, 100%, 80%
HSV	13°, 41%, 100%
XYZ	61.7695, 53.3815, 36.3262
YIQ	195.0100, 55.9340, 10.5420

Conversions

Conversions Part 2

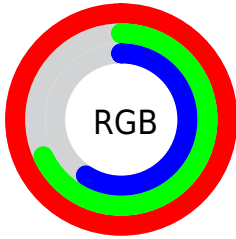
Format	Color
R _Y B	255, 179, 151
Decimal	16756119
CIE Lab	78.10, 27.49, 23.53
CIE LCh	78, 36.185, 40.558
Yxy	53.3815, 0.4078, 0.3524
Android (android.graphics.Color)	4294946199 (0xFFFFAD97)
YUV	195.0100, -21.6969, 52.6112
Hunter-Lab	73.0626, 23.0500, 21.6653

Details

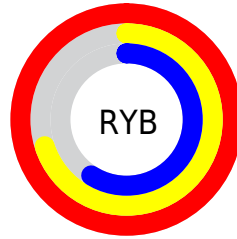
The XYZ color **61.7695, 53.3815, 36.3262** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.9502, 72.0743, 105.3597**, and the grayscale version is **51.9808, 54.6879, 59.5551**.

A 20% lighter version of the original color is **80.2788, 81.7064, 69.2974**, and **31.7817, 26.0888, 15.4172** is the 20% darker color. If you saturate the color by 10%, you get **56.3490, 45.5040, 25.3836**, and if you desaturate by 10%, it is **68.2207, 62.6035, 49.8230**.

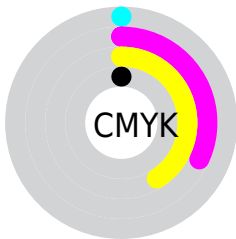
Distribution



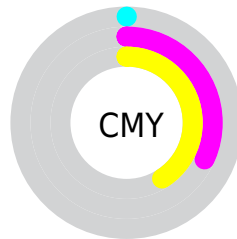
- Red (100%)
- Green (68%)
- Blue (59%)



- Red (100%)
- Yellow (70%)
- Blue (59%)



- Cyan (0%)
- Magenta (32%)
- Yellow (41%)
- Black (0%)





- Cyan (0%)
- Magenta (32%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7695, 53.3815, 36.3262 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 61.7695, 53.3815, 36.3262 by changing the saturation by 10% instead.


 61.7695, 53.3815,
36.3262


 61.7695, 53.3815,
36.3262


420.8208,
399.7471, 345.4645

 45.1014, 38.1074,
24.3945


 106.4841, 95.1655,
70.7100

 31.7389, 26.0661,
15.4117


 135.2614,
122.4442, 93.9991

 21.3167, 16.8731,
8.9590


168.8057,
154.4932, 121.9112

 13.4695, 10.1440,
4.6180

207.4824,
191.6970, 154.8648

 7.8318, 5.4946,
1.9701

251.6569,
234.4398, 193.2784

 4.0384, 2.5403,
0.5368

301.6946,

 1.7239, 0.8967,

283.1062, 237.5705

0.0000

357.9608,
338.0805, 288.1597

■ 0.4712, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7695, 53.3815,
36.3262

■ 61.7695, 53.3815,
36.3262

■ 56.3490, 45.5040,
25.3836

■ 68.2207, 62.6035,
49.8230

■ 51.9002, 38.8999,
16.8299

■ 75.7493, 73.2213,
66.0187

■ 48.3640, 33.5032,
10.4852

■ 84.4040, 85.2929,
85.0510

■ 45.6728, 29.2385,
6.1423

■ 94.2292, 98.8707,
107.0472

■ 43.7485, 26.0215, 95.0500, 100.0000,
3.5541 108.9000

■ 42.5571, 23.8942,
2.3690

Harmonies

Analogous

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



65.2920, 53.3815, 51.2848



61.7695, 53.3815, 36.3262



55.3930, 53.3815, 28.6228

Triad

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



61.7695, 53.3815, 36.3262



38.9795, 53.3815, 46.1158



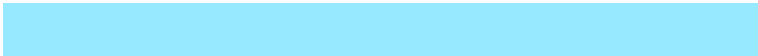
53.2665, 53.3815, 105.3505

Complementary

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



61.7695, 53.3815, 36.3262



59.9502, 72.0743, 105.3597

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.



46.3504, 53.3815, 103.0495



61.7695, 53.3815, 36.3262



38.5246, 53.3815, 65.5443

Square

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



61.7695, 53.3815, 36.3262



42.4103, 53.3815, 33.3004



41.1041, 53.3815, 87.2548



60.0891, 53.3815, 92.9597

Rectangle

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



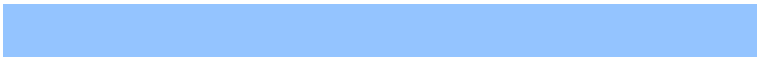
61.7695, 53.3815, 36.3262



50.6054, 53.3815, 27.2632



41.1041, 53.3815, 87.2548



50.8698, 53.3815, 106.3295

Sweetspot

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



61.7709, 53.3841, 36.3272



83.2897, 83.7453, 82.5804



67.1869, 49.3457, 83.9764



17.5754, 17.5744, 17.1180



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.



61.7709, 53.3841, 36.3272



57.2432, 46.8142, 27.1557



73.4280, 76.6985, 40.2130



18.3208, 18.6098, 18.7708



22.3234, 12.6581, 1.2667



2.2484, 1.3821, 0.1483

Inverse Universe

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



59.9502, 72.0743, 105.3597



55.1617, 67.7661, 104.7806



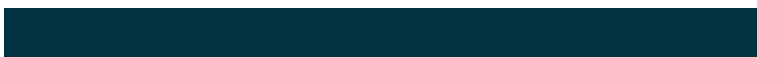
47.5819, 47.3377, 101.2370



18.2094, 19.7905, 23.1102



20.4632, 25.8360, 53.3429



2.0701, 2.6709, 5.2197

Previews

White Background



This preview shows how the XYZ color 61.7695, 53.3815, 36.3262 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 61.7695, 53.3815, 36.3262 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 61.7695, 53.3815, 36.3262

Background



This preview shows how black text looks on a background with the XYZ color 61.7695, 53.3815, 36.3262.



This preview shows how white text looks on a background with the XYZ color 61.7695, 53.3815,

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

61.7695, 53.3815, 36.3262

Protanopia

50.3170, 53.5154, 40.9352

Deuteranopia

54.6623, 53.6186, 35.9022



Tritanopia

64.0582, 53.3868, 51.1844

Trichromacy



Original Color

61.7695, 53.3815, 36.3262

Protanomaly

54.0761, 53.2401, 39.3245

Deuteranomaly

56.9539, 53.2543, 36.1315

Tritanomaly

63.1536, 53.3261, 45.4925

Monochromacy



Original Color

61.7695, 53.3815, 36.3262

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.5223, 53.5470, 50.1098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7695, 53.3815, 36.3262 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, 173, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 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, 173, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 151) }
```

Border

The CSS property to change the border of an element to XYZ 61.7695, 53.3815, 36.3262 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, 173, 151) }
```


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

```
.border{ border-color:rgb(255, 173, 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, 173, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7695, 53.3815, 36.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 151) }
```

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

```
.background{ background-color: rgb(255,  
173, 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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