

Converting Colors

XYZ(63.1661, 58.4658, 36.6470)

Have a look what the booklet for
XYZ(63.1661, 58.4658, 36.6470)
contains.

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Color

**XYZ(63.0590, 58.2519,
36.7743)**

Conversions

Conversions Part 1

Format	Color
Hex	FBBB96
RGB	251, 187, 150
RGB Percent	98%, 73%, 59%
CMY	0.0157, 0.2666, 0.4118
CMYK	0.00, 0.25, 0.40, 0.02
HSL	22°, 93%, 79%
HSV	22°, 40%, 98%
XYZ	63.0590, 58.2519, 36.7743
YIQ	201.9180, 50.0210, 2.0610

Conversions

Conversions Part 2

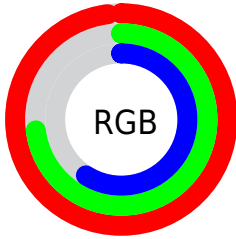
Format	Color
R _Y B	251, 208, 150
Decimal	16497558
CIE Lab	80.88, 18.51, 27.75
CIE LCh	81, 33.356, 56.302
Yxy	58.2519, 0.3989, 0.3685
Android (android.graphics.Color)	4294687638 (0xFFFB96)
YUV	201.9180, -25.5956, 43.0449
Hunter-Lab	76.3229, 13.9139, 24.8586

Details

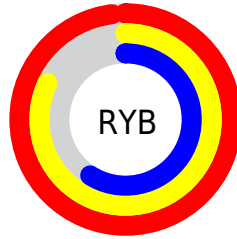
The XYZ color **63.0590, 58.2519, 36.7743** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.0358, 61.5398, 100.2970**, and the grayscale version is **56.2219, 59.1498, 64.4142**.

A 20% lighter version of the original color is **84.1897, 89.7208, 70.0073**, and **32.5155, 29.1575, 15.7186** is the 20% darker color. If you saturate the color by 10%, you get **58.0614, 51.1521, 26.1823**, and if you desaturate by 10%, it is **68.8662, 66.2778, 49.7730**.

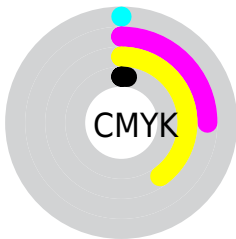
Distribution



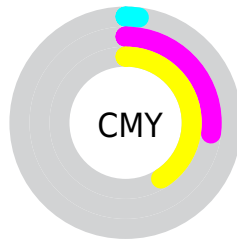
- Red (98%)
- Green (73%)
- Blue (59%)



- Red (98%)
- Yellow (82%)
- Blue (59%)



- Cyan (0%)
- Magenta (25%)
- Yellow (40%)
- Black (2%)





- Cyan (2%)
- Magenta (27%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0590, 58.2519, 36.7743 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 63.0590, 58.2519, 36.7743 by changing the saturation by 10% instead.


 63.0590, 58.2519,
36.7743


 63.0590, 58.2519,
36.7743


425.4398,
418.1239, 347.4716

 46.1478, 42.0112,
24.7384


 108.3360,
102.2896, 71.4080

 32.5676, 29.1101,
15.6650


 137.4324,
130.8554, 94.8428

 21.9530, 19.1641,
9.1356


171.3213,
164.2983, 122.9143

 13.9388, 11.7889,
4.7317

210.3680,
203.0028, 156.0411

 8.1595, 6.6001,
2.0348

254.9378,
247.3532, 194.6417

 4.2499, 3.2133,
0.5765

305.3962,

 1.8444, 1.2441,

297.7339, 239.1346

0.0000

362.1084,
354.5293, 289.9384

0.5442, 0.0973,
0.0000

0.0000, 0.0000,
0.0000

63.0590, 58.2519,
36.7743

63.0590, 58.2519,
36.7743

58.0614, 51.1521,
26.1823

68.8662, 66.2778,
49.7730

53.8288, 44.9346,
17.8425

75.5154, 75.2546,
65.3127

50.3189, 39.5642,
11.5877

83.0428, 85.2168,
83.5217

47.4825, 34.9995,
7.2257

91.4808, 96.1942,
104.5187

■ 45.2626, 31.1949,
4.5274

■ 93.5936, 99.2492,
108.8318

■ 43.6077, 28.1573,
3.1365

Harmonies

Analogous

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



68.1331, 58.2519, 48.0352



63.0590, 58.2519, 36.7743



56.2269, 58.2519, 32.5618

Triad

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



63.0590, 58.2519, 36.7743



43.1538, 58.2519, 61.0070



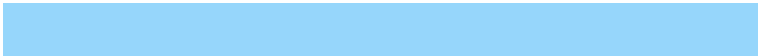
61.4563, 58.2519, 103.9531

Complementary

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



63.0590, 58.2519, 36.7743



54.0358, 61.5398, 100.2970

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.



54.5153, 58.2519, 109.4043



63.0590, 58.2519, 36.7743



44.3038, 58.2519, 81.7974

Square

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



63.0590, 58.2519, 36.7743



45.0455, 58.2519, 44.5939



48.3268, 58.2519, 100.5833



67.1551, 58.2519, 86.9306

Rectangle

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



63.0590, 58.2519, 36.7743



51.7253, 58.2519, 33.4994



48.3268, 58.2519, 100.5833



59.1751, 58.2519, 107.3340

Sweetspot

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



63.0605, 58.2547, 36.7755



84.6326, 86.4310, 83.0280



63.0397, 47.2622, 70.5290



17.8898, 18.2033, 17.2228



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.



63.0605, 58.2547, 36.7755



61.2565, 54.5633, 29.3489



75.2411, 82.6159, 40.8357



17.7653, 18.2665, 18.0519



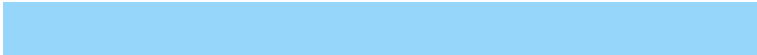
23.0485, 15.0538, 1.6909



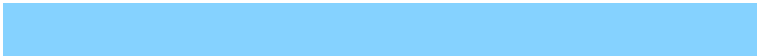
2.2319, 1.5886, 0.1890

Inverse Universe

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



54.0358, 61.5398, 100.2970



50.7444, 58.3431, 103.1946



43.4730, 40.4141, 96.7761



17.1999, 18.4766, 22.0451



15.8167, 16.9889, 50.4191



1.5659, 1.7755, 4.7034

Previews

White Background



This preview shows how the XYZ color 63.0590, 58.2519, 36.7743 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 63.0590, 58.2519, 36.7743 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 63.0590, 58.2519, 36.7743

Background



This preview shows how black text looks on a background with the XYZ color 63.0590, 58.2519, 36.7743.



This preview shows how white text looks on a background with the XYZ color 63.0590, 58.2519,

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

63.0590, 58.2519, 36.7743

Protanopia

54.6190, 58.4697, 39.8595

Deuteranopia

59.7547, 58.4870, 36.5735



Tritanopia

67.6142, 58.2479, 59.3091

Trichromacy



Original Color

63.0590, 58.2519, 36.7743

Protanomaly

57.2512, 58.1438, 38.7773

Deuteranomaly

61.0178, 58.4862, 36.5068

Tritanomaly

65.9432, 58.1925, 50.4045

Monochromacy



Original Color

63.0590, 58.2519, 36.7743

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

58.0287, 58.5670, 53.0459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0590, 58.2519, 36.7743 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(251, 187, 150)` looks like.

```
.text, #text, p{  
    color:rgb(251, 187, 150)  
}
```

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(251, 187, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 187, 150) }
```

Border

The CSS property to change the border of an element to XYZ 63.0590, 58.2519, 36.7743 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(251, 187, 150) }
```


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

```
.border{ border-color:rgb(251, 187, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 187, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 187, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 187, 150);  
box-shadow:4px 4px 4px 4px rgb(251, 187,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0590, 58.2519, 36.7743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 187, 150) }
```

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

```
.background{ background-color: rgb(251,  
187, 150) }
```

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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