

Converting Colors

XYZ(63.5628, 59.3177, 43.6966)

Have a look what the booklet for
XYZ(63.5628, 59.3177, 43.6966)
contains.

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Color

**XYZ(63.5628, 59.3177,
43.6966)**

Conversions

Conversions Part 1

Format	Color
Hex	F7BEA5
RGB	247, 190, 165
RGB Percent	97%, 75%, 65%
CMY	0.0314, 0.2549, 0.3529
CMYK	0.00, 0.23, 0.33, 0.03
HSL	18°, 84%, 81%
HSV	18°, 33%, 97%
XYZ	63.5628, 59.3177, 43.6966
YIQ	204.1930, 41.9970, 4.3090

Conversions

Conversions Part 2

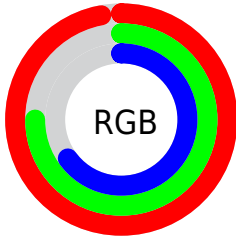
Format	Color
R_{YB}	247, 201, 165
Decimal	16236197
CIE _{Lab}	81.47, 17.13, 20.52
CIE _{LCh}	81, 26.734, 50.142
Yxy	59.3177, 0.3816, 0.3561
Android (android.graphics.Color)	4294426277 (0xFFF7BEA5)
YUV	204.1930, -19.3221, 37.5417
Hunter-Lab	77.0180, 12.5342, 20.2741

Details

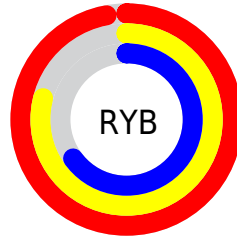
The XYZ color **63.5628, 59.3177, 43.6966** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.4260, 66.9550, 97.8401**, and the grayscale version is **57.6177, 60.6183, 66.0133**.

A 20% lighter version of the original color is **87.1140, 92.3388, 80.9419**, and **32.7711, 29.6194, 19.6127** is the 20% darker color. If you saturate the color by 10%, you get **58.0263, 51.5017, 31.8101**, and if you desaturate by 10%, it is **69.9746, 68.1890, 58.0180**.

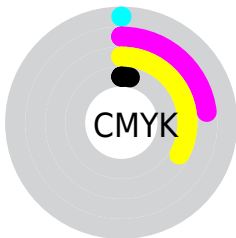
Distribution



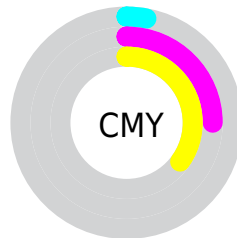
- Red (97%)
- Green (75%)
- Blue (65%)



- Red (97%)
- Yellow (79%)
- Blue (65%)



- Cyan (0%)
- Magenta (23%)
- Yellow (33%)
- Black (3%)





- Cyan (3%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5628, 59.3177, 43.6966 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 63.5628, 59.3177, 43.6966 by changing the saturation by 10% instead.


 63.5628, 59.3177,
43.6966


 63.5628, 59.3177,
43.6966


427.2364,
422.0782, 377.4738

 46.5570, 42.8689,
30.0966


 109.0583,
103.8393, 82.0586

 32.8921, 29.7823,
19.6593


 138.2788,
132.6808, 107.6577

 22.2026, 19.6734,
11.9660


172.3015,
166.4221, 138.0936

 14.1233, 12.1579,
6.5983

211.4918,
205.4476, 173.7848

 8.2887, 6.8513,
3.1375

256.2151,
250.1415, 215.1499

 4.3336, 3.3693,
1.1653

306.8367,

 1.8925, 1.3274,

300.8883, 262.6074

0.0000

363.7220,
358.0724, 316.5759

■ 0.5725, 0.1623,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5628, 59.3177,
43.6966

■ 63.5628, 59.3177,
43.6966

■ 58.0263, 51.5017,
31.8101

■ 69.9746, 68.1890,
58.0180

■ 53.3203, 44.6923,
22.2179

■ 77.2945, 78.1452,
74.8972

■ 49.4027, 38.8493,
14.7701

■ 85.5594, 89.2253,
94.4528

■ 46.2253, 33.9261,
9.2975

■ 92.1679, 98.5142,
108.7651

■ 43.7340, 29.8720,
5.6048

■ 41.8656, 26.6302,
3.4558

■ 40.8957, 24.8500,
2.6411

Harmonies

Analogous

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



67.1003, 59.3177, 54.5432



63.5628, 59.3177, 43.6966



58.2426, 59.3177, 38.7285

Triad

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



63.5628, 59.3177, 43.6966



46.4264, 59.3177, 59.4519



60.1678, 59.3177, 98.0642

Complementary

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



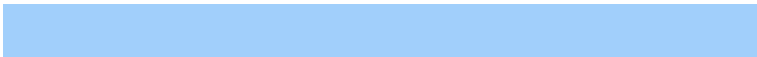
63.5628, 59.3177, 43.6966



58.4260, 66.9550, 97.8401

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.



54.5570, 59.3177, 99.9655



63.5628, 59.3177, 43.6966



46.8665, 59.3177, 75.7936

Square

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



63.5628, 59.3177, 43.6966



48.5145, 59.3177, 46.7774



49.7592, 59.3177, 91.2565



65.0521, 59.3177, 86.4248

Rectangle

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



63.5628, 59.3177, 43.6966



54.5056, 59.3177, 38.7474



49.7592, 59.3177, 91.2565



58.2963, 59.3177, 99.9300

Sweetspot

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



63.5643, 59.3205, 43.6978



85.8170, 87.6734, 86.8949



65.0519, 51.9804, 75.9937



18.1085, 18.4161, 17.9879



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.



63.5643, 59.3205, 43.6978



64.1519, 57.8841, 37.9286



73.6138, 79.4193, 47.0476



16.9112, 17.3065, 17.2467



21.7377, 13.3610, 1.4332



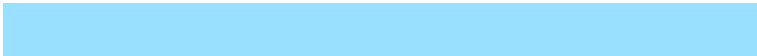
1.9974, 1.3480, 0.1549

Inverse Universe

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



58.4260, 66.9550, 97.8401



57.8146, 67.2477, 104.5407



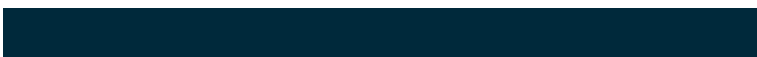
48.9115, 47.9261, 94.6686



16.5454, 17.8550, 21.1169



16.7800, 19.3538, 49.3893



1.5652, 1.8818, 4.3710

Previews

White Background



This preview shows how the XYZ color 63.5628, 59.3177, 43.6966 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 63.5628, 59.3177, 43.6966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

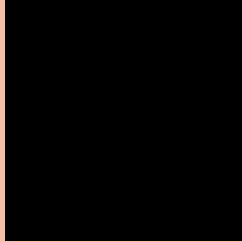
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5628, 59.3177, 43.6966

Background



This preview shows how black text looks on a background with the XYZ color 63.5628, 59.3177, 43.6966.



This preview shows how white text looks on a background with the XYZ color 63.5628, 59.3177,

43.6966.

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

63.5628, 59.3177, 43.6966

Protanopia

56.2028, 59.4775, 47.0462

Deuteranopia

60.8080, 59.5434, 43.4101



Tritanopia

67.4414, 59.3307, 61.9302

Trichromacy



Original Color

63.5628, 59.3177, 43.6966

Protanomaly

58.7195, 59.4215, 45.9108

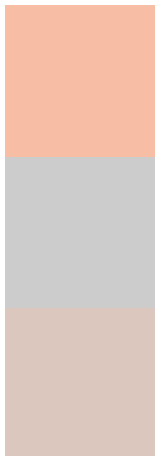
Deuteranomaly

61.7060, 59.3455, 43.3245

Tritanomaly

66.1643, 59.4525, 55.0020

Monochromacy



Original Color

63.5628, 59.3177, 43.6966

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.2329, 59.7802, 57.1320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5628, 59.3177, 43.6966 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(247, 190, 165)` looks like.

```
.text, #text, p{  
    color:rgb(247, 190, 165)  
}
```

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(247, 190, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 190, 165) }
```

Border

The CSS property to change the border of an element to XYZ 63.5628, 59.3177, 43.6966 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(247, 190, 165) }
```


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

```
.border{ border-color:rgb(247, 190, 165) }
```

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

Here you see how a box with a 4 pixel rgb(247, 190, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 190, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 190, 165);  
box-shadow:4px 4px 4px 4px rgb(247, 190,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5628, 59.3177, 43.6966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 190, 165) }
```

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

```
.background{ background-color: rgb(247,  
190, 165) }
```

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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