

Converting Colors

XYZ(65.1659, 65.3563, 37.1452)

Have a look what the booklet for
XYZ(65.1659, 65.3563, 37.1452)
contains.

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Color

**XYZ(65.1827, 65.3936,
37.2037)**

Conversions

Conversions Part 1

Format	Color
Hex	F6CD94
RGB	246, 205, 148
RGB Percent	96%, 80%, 58%
CMY	0.0353, 0.1961, 0.4196
CMYK	0.00, 0.17, 0.40, 0.04
HSL	35°, 84%, 77%
HSV	35°, 40%, 96%
XYZ	65.1827, 65.3936, 37.2037
YIQ	210.7610, 42.7330, -9.0350

Conversions

Conversions Part 2

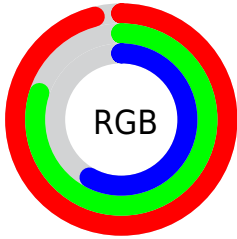
Format	Color
R _Y B	218, 246, 148
Decimal	16174484
CIE _{Lab}	84.69, 6.94, 33.78
CIE _{LCh}	85, 34.481, 78.395
Yxy	65.3936, 0.3885, 0.3898
Android (android.graphics.Color)	4294364564 (0xFFFF6CD94)
YUV	210.7610, -30.9412, 30.9046
Hunter-Lab	80.8663, 2.3648, 29.3292

Details

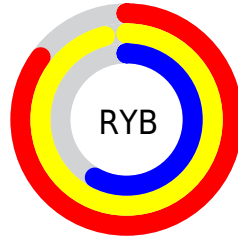
The XYZ color **65.1827, 65.3936, 37.2037** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.0444, 49.3433, 94.2335**, and the grayscale version is **61.9385, 65.1641, 70.9638**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **33.9633, 33.6877, 16.0216** is the 20% darker color. If you saturate the color by 10%, you get **61.0579, 59.9360, 27.2218**, and if you desaturate by 10%, it is **69.8865, 71.3467, 49.4214**.

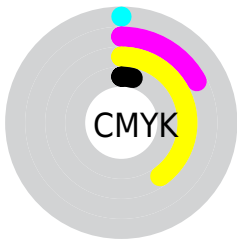
Distribution



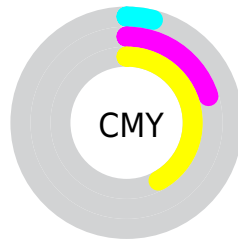
- Red (96%)
- Green (80%)
- Blue (58%)



- Red (85%)
- Yellow (96%)
- Blue (58%)



- Cyan (0%)
- Magenta (17%)
- Yellow (40%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.1827, 65.3936, 37.2037 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 65.1827, 65.3936, 37.2037 by changing the saturation by 10% instead.


 65.1827, 65.3936,
37.2037


 65.1827, 65.3936,
37.2037


432.9831,
444.2050, 349.3868

 47.8745, 47.7803,
25.0682


 111.3767,
112.6155, 72.0758

 33.9383, 33.6529,
15.9084

 140.9933,
142.9930, 95.6495

 23.0089, 22.6271,
9.3057

175.4433,
178.3939, 123.8730

 14.7208, 14.3184,
4.8416

215.0921,
219.2028, 157.1649

 8.7087, 8.3425,
2.0975

260.3052,
265.8039, 195.9437

 4.6073, 4.3149,
0.6143

311.4478,

 2.0511, 1.8512,

318.5817, 240.6279

0.0000

368.8853,
377.9207, 291.6361

■ 0.6624, 0.5188,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.1827, 65.3936,
37.2037

■ 65.1827, 65.3936,
37.2037

■ 61.0579, 59.9360,
27.2218

■ 69.8865, 71.3467,
49.4214

■ 57.4777, 54.9479,
19.3314

■ 75.1915, 77.8018,
63.9990

■ 54.4110, 50.4142,
13.3774

■ 81.1246, 84.7767,
81.0560

■ 51.8208, 46.3149,
9.1812

■ 87.7094, 92.2853,
100.7027

■ 49.6636, 42.6272,
6.5301

■ 91.8161, 98.3328,
108.7487

■ 47.8703, 39.3178,
5.0776

■ 47.8428, 39.2664,
5.0576

Harmonies

Analogous

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



72.5195, 65.3936, 43.9560



65.1827, 65.3936, 37.2037



57.5959, 65.3936, 38.0538

Triad

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



65.1827, 65.3936, 37.2037



49.1302, 65.3936, 85.4481



73.9033, 65.3936, 103.2531

Complementary

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



65.1827, 65.3936, 37.2037



47.0444, 49.3433, 94.2335

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.



66.9478, 65.3936, 119.5274



65.1827, 65.3936, 37.2037



52.8277, 65.3936, 107.8727

Square

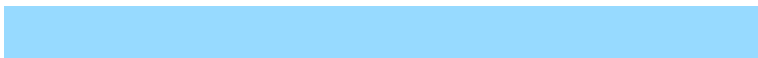
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.1827, 65.3936, 37.2037



48.7430, 65.3936, 63.0040



59.2219, 65.3936, 121.3739



77.8251, 65.3936, 80.0830

Rectangle

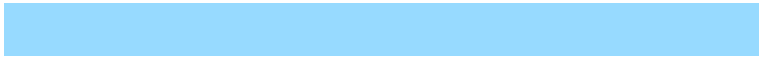
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.1827, 65.3936, 37.2037



53.4002, 65.3936, 42.8576



59.2219, 65.3936, 121.3739



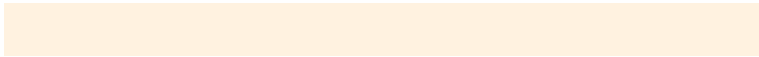
71.8172, 65.3936, 109.9005

Sweetspot

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



65.1843, 65.3967, 37.2050



86.5605, 90.2867, 83.6706



57.9418, 44.5115, 54.5214



18.3430, 19.1096, 17.3739



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.



65.1843, 65.3967, 37.2050



66.9911, 66.0325, 31.2604



74.0557, 86.4819, 40.8073



17.2999, 18.0840, 17.3763



25.6784, 21.2424, 2.7468



2.3583, 2.0698, 0.2752

Inverse Universe

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



47.0444, 49.3433, 94.2335



44.7591, 46.3726, 101.1995



40.6533, 34.7569, 91.7549



16.1508, 17.0658, 20.9854



11.5940, 8.9817, 47.6606



1.1181, 0.9877, 4.2219

Previews

White Background



This preview shows how the XYZ color 65.1827, 65.3936, 37.2037 looks on a white background.

Color Contrast Check

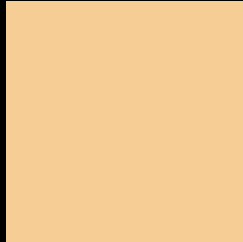
Large Text (above 18pt) WCAG AA × Fail

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 65.1827, 65.3936, 37.2037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

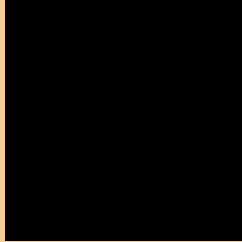
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1827, 65.3936, 37.2037

Background



This preview shows how black text looks on a background with the XYZ color 65.1827, 65.3936, 37.2037.



This preview shows how white text looks on a background with the XYZ color 65.1827, 65.3936,

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

65.1827, 65.3936, 37.2037

Protanopia

60.8751, 65.3169, 38.6771

Deuteranopia

66.8461, 65.5454, 37.1453



Tritanopia

72.3579, 65.5686, 71.1297

Trichromacy



Original Color

65.1827, 65.3936, 37.2037

Protanomaly

62.5664, 65.4651, 38.1926

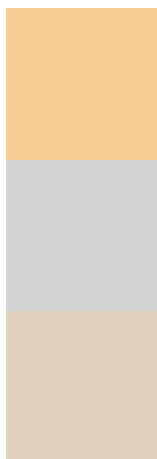
Deuteranomaly

66.3625, 65.6478, 37.1906

Tritanomaly

69.2639, 65.3067, 57.0990

Monochromacy



Original Color

65.1827, 65.3936, 37.2037

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.6180, 65.0791, 56.8381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1827, 65.3936, 37.2037 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(246, 205, 148)` looks like.

```
.text, #text, p{  
    color:rgb(246, 205, 148)  
}
```

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(246, 205, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 205, 148) }
```

Border

The CSS property to change the border of an element to XYZ 65.1827, 65.3936, 37.2037 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(246, 205, 148) }
```


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

```
.border{ border-color:rgb(246, 205, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 205, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 205, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 205, 148); box-shadow:4px 4px 4px 4px rgb(246, 205, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1827, 65.3936, 37.2037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 205, 148) }
```

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

```
.background{ background-color: rgb(246,  
205, 148) }
```

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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