

Converting Colors

XYZ(186.8561, 126.6834,
41.9162)

Have a look what the booklet for
XYZ(186.8561, 126.6834, 41.9162)
contains.

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Color

**XYZ(67.3150, 65.1086,
36.2135)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC992
RGB	255, 201, 146
RGB Percent	100%, 79%, 57%
CMY	0.0000, 0.2117, 0.4274
CMYK	0.00, 0.21, 0.43, 0.00
HSL	30°, 100%, 79%
HSV	30°, 43%, 100%
XYZ	67.3150, 65.1086, 36.2135
YIQ	210.8760, 49.8390, -5.6570

Conversions

Conversions Part 2

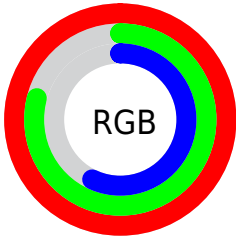
Format	Color
R _Y B	253, 255, 146
Decimal	16763282
CIE Lab	84.54, 12.32, 34.78
CIE LCh	85, 36.894, 70.486
Yxy	65.1086, 0.3992, 0.3861
Android (android.graphics.Color)	4294953362 (0xFFFFC992)
YUV	210.8760, -31.9839, 38.6967
Hunter-Lab	80.6899, 7.7051, 29.8737

Details

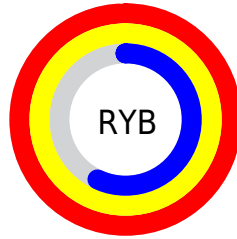
The XYZ color **67.3150, 65.1086, 36.2135** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.5577, 54.6377, 102.4892**, and the grayscale version is **62.0179, 65.2476, 71.0547**.

A 20% lighter version of the original color is **87.4253, 96.9501, 68.7490**, and **35.2642, 33.4294, 15.4204** is the 20% darker color. If you saturate the color by 10%, you get **62.7241, 58.7551, 25.9644**, and if you desaturate by 10%, it is **72.5938, 72.1297, 48.8758**.

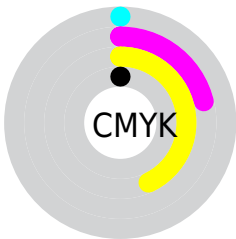
Distribution



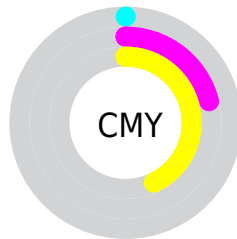
- Red (100%)
- Green (79%)
- Blue (57%)



- Red (99%)
- Yellow (100%)
- Blue (57%)



- Cyan (0%)
- Magenta (21%)
- Yellow (43%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.3150, 65.1086, 36.2135 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 67.3150, 65.1086, 36.2135 by changing the saturation by 10% instead.


 67.3150, 65.1086,
36.2135

 67.3150, 65.1086,
36.2135


440.4801,
443.1821, 344.9583

 49.6123, 47.5491,
24.3081


 114.4190,
112.2060, 70.5342

 35.3220, 33.4700,
15.3480

 144.5509,
142.5127, 93.7867

 24.0787, 22.4867,
8.9147

179.5567,
177.8373, 121.6585

 15.5170, 14.2150,
4.5895

219.8016,
218.5641, 154.5684

 9.2717, 8.2703,
1.9540

265.6511,
265.0776, 192.9347

 4.9774, 4.2684,
0.5268

317.4704,

 2.2686, 1.8248,

317.7622, 237.1762

0.0000

375.6249,
377.0022, 287.7112

0.7785, 0.5026,
0.0000

0.0000, 0.0000,
0.0000

67.3150, 65.1086,
36.2135

67.3150, 65.1086,
36.2135

62.7241, 58.7551,
25.9644

72.5938, 72.1297,
48.8758

58.7806, 53.0362,
17.9659

78.5881, 79.8310,
64.0914

55.4468, 47.9298,
12.0413

85.3300, 88.2364,
81.9945

52.6777, 43.4079,
7.9852

92.8477, 97.3656,
102.7084

■ 50.4200, 39.4386, 95.0500, 100.0000,
5.5490 108.9000

■ 49.0485, 36.8770,
4.5328

Harmonies

Analogous

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



74.7001, 65.1086, 45.3771



67.3150, 65.1086, 36.2135



59.0516, 65.1086, 35.0478

Triad

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



67.3150, 65.1086, 36.2135



47.6070, 65.1086, 79.4534



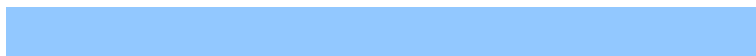
72.7233, 65.1086, 111.1935

Complementary

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



67.3150, 65.1086, 36.2135



50.5577, 54.6377, 102.4892

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.



64.8050, 65.1086, 125.3670



67.3150, 65.1086, 36.2135



50.6242, 65.1086, 104.5297

Square

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



67.3150, 65.1086, 36.2135



48.1497, 65.1086, 56.8212



56.7528, 65.1086, 122.6894



78.0088, 65.1086, 87.1132

Rectangle

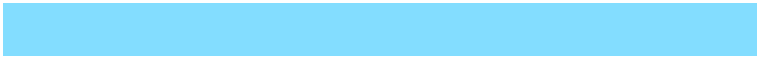
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.3150, 65.1086, 36.2135



54.2066, 65.1086, 38.6015



56.7528, 65.1086, 122.6894



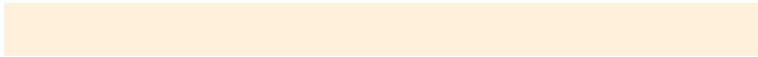
70.2536, 65.1086, 117.4921

Sweetspot

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



67.3166, 65.1117, 36.2148



85.1480, 88.0125, 81.5022



62.0032, 46.0120, 60.5644



17.8935, 18.4289, 16.5516



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.



67.3166, 65.1117, 36.2148



63.4774, 59.8172, 27.5856



82.1885, 94.8554, 41.1721



18.7670, 19.5021, 18.9195



25.7785, 19.5683, 2.4184



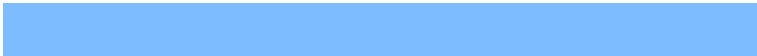
2.6192, 2.1239, 0.2719

Inverse Universe

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



50.5577, 54.6377, 102.4892



44.7779, 48.1316, 101.5380



40.1836, 33.8896, 99.0312



17.7462, 18.8640, 22.9557



13.5002, 11.9099, 51.0219



1.4236, 1.3778, 5.0042

Previews

White Background



This preview shows how the XYZ color 67.3150, 65.1086, 36.2135 looks on a white background.

Color Contrast Check

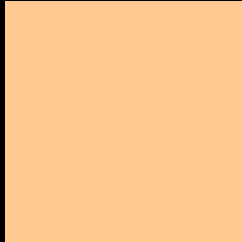
Large Text (above 18pt) WCAG AA × Fail

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 67.3150, 65.1086, 36.2135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

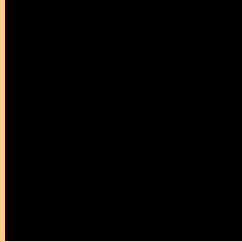
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3150, 65.1086, 36.2135

Background



This preview shows how black text looks on a background with the XYZ color 67.3150, 65.1086, 36.2135.



This preview shows how white text looks on a background with the XYZ color 67.3150, 65.1086,

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

67.3150, 65.1086, 36.2135

Protanopia

60.7942, 65.2845, 38.2511

Deuteranopia

66.4537, 65.0118, 36.2402



Tritanopia

72.3651, 65.2939, 68.4634

Trichromacy



Original Color

67.3150, 65.1086, 36.2135

Protanomaly

62.9975, 64.9727, 37.6544

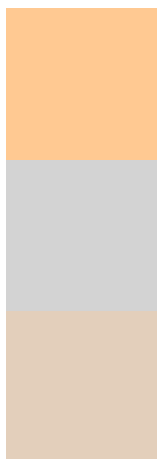
Deuteranomaly

66.8168, 65.1990, 36.2572

Tritanomaly

70.1910, 65.1509, 54.7749

Monochromacy



Original Color

67.3150, 65.1086, 36.2135

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.9610, 64.5444, 56.1536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3150, 65.1086, 36.2135 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, 201, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 146)  
}
```

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, 201, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 146) }
```

Border

The CSS property to change the border of an element to XYZ 67.3150, 65.1086, 36.2135 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, 201, 146) }
```


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

```
.border{ border-color:rgb(255, 201, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 201, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 201, 146); box-shadow:4px 4px 4px 4px rgb(255, 201, 146) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3150, 65.1086, 36.2135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 146) }
```

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

```
.background{ background-color: rgb(255,  
201, 146) }
```

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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