

Converting Colors

XYZ(64.1757, 64.9533, 29.7862)

Have a look what the booklet for
XYZ(64.1757, 64.9533, 29.7862)
contains.

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Color

**XYZ(64.1515, 65.0218,
29.9382)**

Conversions

Conversions Part 1

Format	Color
Hex	F7CD81
RGB	247, 205, 129
RGB Percent	97%, 80%, 51%
CMY	0.0314, 0.1961, 0.4941
CMYK	0.00, 0.17, 0.48, 0.03
HSL	39°, 88%, 74%
HSV	39°, 48%, 97%
XYZ	64.1515, 65.0218, 29.9382
YIQ	208.8940, 49.4280, -14.7320

Conversions

Conversions Part 2

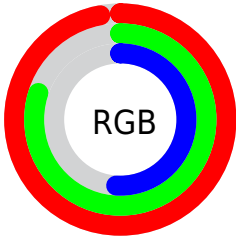
Format	Color
RYB	194, 247, 129
Decimal	16240001
CIELab	84.49, 5.42, 43.21
CIELCh	84, 43.554, 82.848
Yxy	65.0218, 0.4032, 0.4087
Android (android.graphics.Color)	4294430081 (0xFFFF7CD81)
YUV	208.8940, -39.3877, 33.4190
Hunter-Lab	80.6361, 0.8957, 34.4323

Details

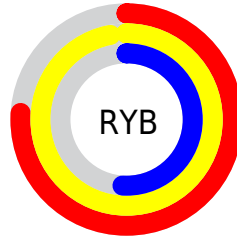
The XYZ color **64.1515, 65.0218, 29.9382** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.4040, 40.5067, 93.6843**, and the grayscale version is **60.7628, 63.9272, 69.6167**.

A 20% lighter version of the original color is **85.5472, 96.1989, 58.8592**, and **33.1808, 33.3746, 11.9009** is the 20% darker color. If you saturate the color by 10%, you get **60.6604, 60.3572, 21.6303**, and if you desaturate by 10%, it is **68.1607, 70.0876, 40.3778**.

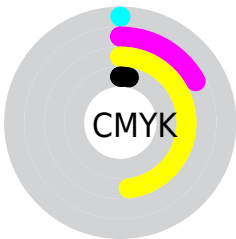
Distribution



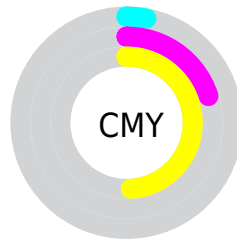
- Red (97%)
- Green (80%)
- Blue (51%)



- Red (76%)
- Yellow (97%)
- Blue (51%)



- Cyan (0%)
- Magenta (17%)
- Yellow (48%)
- Black (3%)





- Cyan (3%)
- Magenta (20%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.1515, 65.0218, 29.9382 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 64.1515, 65.0218, 29.9382 by changing the saturation by 10% instead.


 64.1515, 65.0218,
29.9382

 64.1515, 65.0218,
29.9382


429.3301,
442.8703, 315.8146


 47.0355, 47.4788,
19.5400


 109.9016,
112.0812, 60.6243

 33.2718, 33.4143,
11.8804


 139.2665,
142.3663, 81.7493

 22.4950, 22.4440,
6.5407

 173.4450,
177.6676, 107.2870

 14.3397, 14.1835,
3.1025

212.8025,
218.3695, 137.6559

 8.4406, 8.2484,
1.1472

257.7045,
264.8563, 173.2746

 4.4323, 4.2543,
0.0000

308.5161,

 1.9495, 1.8168,

317.5124, 214.5615

0.0000

365.6029,
376.7223, 261.9354

■ 0.6054, 0.4976,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.1515, 65.0218,
29.9382

■ 64.1515, 65.0218,
29.9382

■ 60.6604, 60.3572,
21.6303

■ 68.1607, 70.0876,
40.3778

■ 57.6518, 56.0691,
15.2965

■ 72.7114, 75.5595,
53.0837

■ 55.0921, 52.1434,
10.7632

■ 77.8309, 81.4540,
68.1838

■ 52.9403, 48.5604,
7.8247

■ 83.5431, 87.7834,
85.7955

■ 51.1423, 45.2952,
6.2054

■ 89.8706, 94.5595,
106.0283

■ 50.7724, 44.6037,
5.9334

■ 92.1676, 98.5141,
108.7651

Harmonies

Analogous

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



73.7572, 65.0218, 36.2012



64.1515, 65.0218, 29.9382



54.8419, 65.0218, 32.1148

Triad

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



64.1515, 65.0218, 29.9382



46.1648, 65.0218, 93.6166



77.8819, 65.0218, 108.1836

Complementary

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



64.1515, 65.0218, 29.9382



40.4040, 40.5067, 93.6843

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.



69.3258, 65.0218, 132.2743



64.1515, 65.0218, 29.9382



51.2126, 65.0218, 122.4448

Square

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



64.1515, 65.0218, 29.9382



45.0885, 65.0218, 64.3562



59.5092, 65.0218, 138.0813



82.2046, 65.0218, 77.6552

Rectangle

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



64.1515, 65.0218, 29.9382



49.9710, 65.0218, 38.4256



59.5092, 65.0218, 138.0813



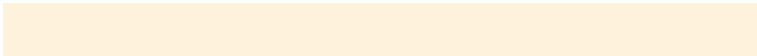
75.3652, 65.0218, 117.5972

Sweetspot

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



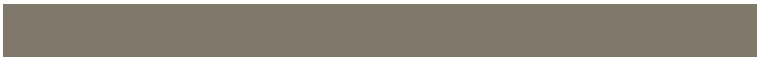
64.1531, 65.0249, 29.9395



85.9057, 90.0703, 80.0827



53.6803, 38.4641, 43.7598



18.1103, 18.9691, 16.2949



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.



64.1531, 65.0249, 29.9395



65.4558, 65.2190, 23.7908



70.2643, 85.1396, 33.4999



17.3896, 18.2634, 17.4062



26.9909, 23.8675, 3.1843



2.4690, 2.2912, 0.3121

Inverse Universe

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



40.4040, 40.5067, 93.6843



37.2478, 36.1344, 99.6192



36.2694, 28.4122, 91.5678



16.0637, 16.8917, 20.9563



10.8416, 7.4769, 47.4098



1.0462, 0.8438, 4.1980

Previews

White Background



This preview shows how the XYZ color 64.1515, 65.0218, 29.9382 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 64.1515, 65.0218, 29.9382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

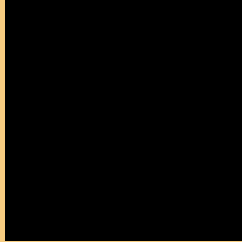
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1515, 65.0218, 29.9382

Background



This preview shows how black text looks on a background with the XYZ color 64.1515, 65.0218, 29.9382.



This preview shows how white text looks on a background with the XYZ color 64.1515, 65.0218,

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

64.1515, 65.0218, 29.9382

Protanopia

60.0241, 65.0502, 30.8651

Deuteranopia

66.4573, 65.1398, 30.5433



Tritanopia

72.3880, 64.9434, 69.6928

Trichromacy



Original Color

64.1515, 65.0218, 29.9382

Protanomaly

61.4218, 65.0455, 30.4369

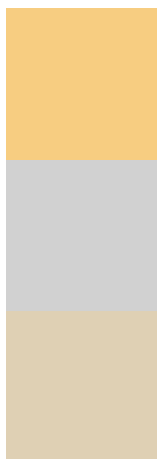
Deuteranomaly

65.5301, 65.0190, 30.2152

Tritanomaly

68.9088, 64.8785, 52.6070

Monochromacy



Original Color

64.1515, 65.0218, 29.9382

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.2255, 64.0950, 52.3247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1515, 65.0218, 29.9382 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, 205, 129)` looks like.

```
.text, #text, p{  
    color:rgb(247, 205, 129)  
}
```

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, 205, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 205, 129) }
```

Border

The CSS property to change the border of an element to XYZ 64.1515, 65.0218, 29.9382 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, 205, 129) }
```


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

```
.border{ border-color:rgb(247, 205, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 205, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 205, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 205, 129); box-shadow:4px 4px 4px 4px rgb(247, 205, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1515, 65.0218, 29.9382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 205, 129) }
```

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

```
.background{ background-color: rgb(247,  
205, 129) }
```

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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