

Converting Colors

XYZ(65.7533, 65.8307, 29.1378)

Have a look what the booklet for
XYZ(65.7533, 65.8307, 29.1378)
contains.

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Color

**XYZ(65.7421, 65.8644,
28.9868)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCD7E
RGB	252, 205, 126
RGB Percent	99%, 80%, 49%
CMY	0.0118, 0.1961, 0.5059
CMYK	0.00, 0.19, 0.50, 0.01
HSL	38°, 95%, 74%
HSV	38°, 50%, 99%
XYZ	65.7421, 65.8644, 28.9868
YIQ	210.0470, 53.3710, -14.6050

Conversions

Conversions Part 2

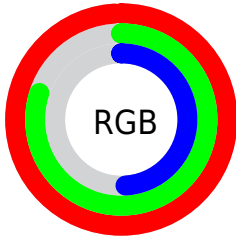
Format	Color
R _Y B	201, 252, 126
Decimal	16567678
CIE Lab	84.93, 7.16, 45.35
CIE LCh	85, 45.913, 81.035
Yxy	65.8644, 0.4094, 0.4101
Android (android.graphics.Color)	4294757758 (0xFFFCDD7E)
YUV	210.0470, -41.4352, 36.7928
Hunter-Lab	81.1569, 2.5715, 35.6332

Details

The XYZ color **65.7421, 65.8644, 28.9868** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **41.1179, 41.3495, 97.9093**, and the grayscale version is **61.5298, 64.7342, 70.4955**.

A 20% lighter version of the original color is **85.2382, 96.0753, 57.2319**, and **34.3289, 33.9787, 11.4058** is the 20% darker color. If you saturate the color by 10%, you get **62.1356, 60.9342, 20.7478**, and if you desaturate by 10%, it is **69.8964, 71.2349, 39.4302**.

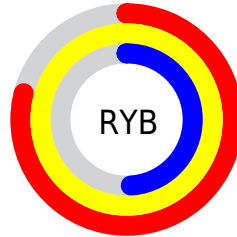
Distribution



Red (99%)

Green (80%)

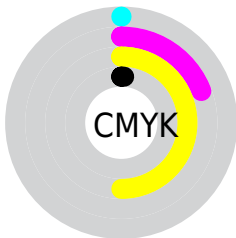
Blue (49%)



Red (79%)

Yellow (99%)

Blue (49%)

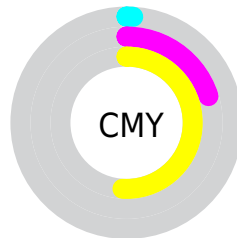


Cyan (0%)

Magenta (19%)

Yellow (50%)

Black (1%)



Cyan (1%)


Magenta (20%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.7421, 65.8644, 28.9868 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 65.7421, 65.8644, 28.9868 by changing the saturation by 10% instead.


 65.7421, 65.8644,
28.9868


 65.7421, 65.8644,
28.9868


434.9572,
445.8918, 311.2117


 48.3300, 48.1623,
18.8253


 112.1759,
113.2917, 59.0980

 34.3006, 33.9555,
11.3686


 141.9283,
143.7857, 79.8849

 23.2886, 22.8594,
6.1981

 176.5248,
179.3125, 105.0507

 14.9286, 14.4897,
2.8952

216.3309,
220.2564, 135.0139

 8.8553, 8.4620,
1.0414

261.7118,
267.0019, 170.1930

 4.7033, 4.3920,
0.0000

313.0329,

 2.1072, 1.8952,

319.9334, 211.0067

0.0000

370.6596,
379.4352, 257.8734

■ 0.6931, 0.5455,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.7421, 65.8644,
28.9868

■ 65.7421, 65.8644,
28.9868

■ 62.1356, 60.9342,
20.7478

■ 69.8964, 71.2349,
39.4302

■ 59.0384, 56.4175,
14.5432

■ 74.6242, 77.0520,
52.2227

■ 56.4138, 52.2984,
10.1846

■ 79.9548, 83.3337,
67.5015

■ 54.2166, 48.5548,
7.4457

■ 85.9142, 90.0936,
85.3917

■ 52.3737, 45.1533,
5.9551

■ 92.5264, 97.3450,
106.0101

■ 52.3736, 45.1530,
5.9550

■ 93.9548, 99.4354,
108.8487

Harmonies

Analogous

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



75.9123, 65.8644, 36.0134



65.7421, 65.8644, 28.9868



55.7538, 65.8644, 30.7086

Triad

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



65.7421, 65.8644, 28.9868



45.8644, 65.8644, 94.0810



79.3129, 65.8644, 113.6633

Complementary

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



65.7421, 65.8644, 28.9868



41.1179, 41.3495, 97.9093

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.



69.9895, 65.8644, 138.8182



65.7421, 65.8644, 28.9868



50.9465, 65.8644, 125.5265

Square

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



65.7421, 65.8644, 28.9868



44.9933, 65.8644, 63.2276



59.5638, 65.8644, 143.6718



84.2932, 65.8644, 80.9302

Rectangle

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



65.7421, 65.8644, 28.9868



50.4701, 65.8644, 36.8524



59.5638, 65.8644, 143.6718



76.5375, 65.8644, 123.6224

Sweetspot

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



65.7437, 65.8675, 28.9881



85.1085, 89.0099, 78.1702



55.2753, 38.6855, 44.7523



17.9435, 18.7407, 15.9152



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.



65.7437, 65.8675, 28.9881



63.8176, 62.5780, 21.2856



73.6017, 89.1833, 33.0743



18.1516, 19.0390, 18.1806



27.4282, 23.8130, 3.1507



2.6419, 2.4087, 0.3257

Inverse Universe

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



41.1179, 41.3495, 97.9093



35.9387, 34.8632, 99.4428



35.9657, 27.5872, 95.5245



16.8133, 17.7035, 21.9163



11.3667, 8.0891, 48.9358



1.1507, 0.9450, 4.5649

Previews

White Background



This preview shows how the XYZ color 65.7421, 65.8644, 28.9868 looks on a white background.

Color Contrast Check

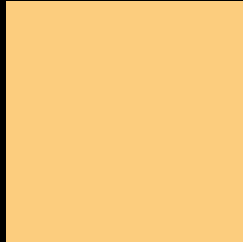
Large Text (above 18pt) WCAG AA × Fail

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 65.7421, 65.8644, 28.9868 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 65.7421, 65.8644, 28.9868

Background



This preview shows how black text looks on a background with the XYZ color 65.7421, 65.8644, 28.9868.



This preview shows how white text looks on a background with the XYZ color 65.7421, 65.8644,

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

65.7421, 65.8644, 28.9868

Protanopia

60.7846, 65.8278, 30.2712

Deuteranopia

66.8990, 65.6931, 31.7083



Tritanopia

72.8391, 65.8456, 69.8432

Trichromacy



Original Color

65.7421, 65.8644, 28.9868

Protanomaly

62.2933, 65.5102, 29.7836

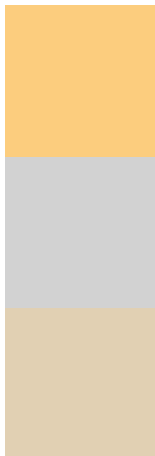
Deuteranomaly

66.5627, 65.8953, 30.6836

Tritanomaly

69.6640, 65.6341, 51.6448

Monochromacy



Original Color

65.7421, 65.8644, 28.9868

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.7439, 64.3740, 51.8190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7421, 65.8644, 28.9868 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(252, 205, 126)` looks like.

```
.text, #text, p{  
    color:rgb(252, 205, 126)  
}
```

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(252, 205, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 205, 126) }
```

Border

The CSS property to change the border of an element to XYZ 65.7421, 65.8644, 28.9868 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(252, 205, 126) }
```


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

```
.border{ border-color:rgb(252, 205, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 205, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 205, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 205, 126);  
box-shadow:4px 4px 4px 4px rgb(252, 205,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7421, 65.8644, 28.9868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 205, 126) }
```

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

```
.background{ background-color: rgb(252,  
205, 126) }
```

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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