

Converting Colors

XYZ(63.1279, 63.8011, 22.4070)

Have a look what the booklet for
XYZ(63.1279, 63.8011, 22.4070)
contains.

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Color

**XYZ(63.3301, 64.0558,
22.3907)**

Conversions

Conversions Part 1

Format	Color
Hex	FACB69
RGB	250, 203, 105
RGB Percent	98%, 80%, 41%
CMY	0.0196, 0.2039, 0.5882
CMYK	0.00, 0.19, 0.58, 0.02
HSL	41°, 94%, 70%
HSV	41°, 58%, 98%
XYZ	63.3301, 64.0558, 22.3907
YIQ	205.8810, 59.4700, -20.5140

Conversions

Conversions Part 2

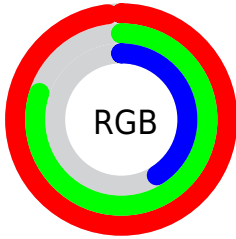
Format	Color
RYB	175, 250, 105
Decimal	16436073
CIELab	83.99, 5.70, 54.35
CIELCh	84, 54.653, 84.015
Yxy	64.0558, 0.4228, 0.4277
Android (android.graphics.Color)	4294626153 (0xFFFA6B69)
YUV	205.8810, -49.7343, 38.6924
Hunter-Lab	80.0349, 1.1827, 39.4373

Details

The XYZ color **63.3301, 64.0558, 22.3907** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **34.3088, 32.3605, 94.8801**, and the grayscale version is **58.8731, 61.9390, 67.4516**.

A 20% lighter version of the original color is **83.2580, 95.2832, 46.8042**, and **32.6253, 32.6991, 7.9602** is the 20% darker color. If you saturate the color by 10%, you get **60.3659, 59.8904, 15.9683**, and if you desaturate by 10%, it is **66.7750, 68.5784, 30.8375**.

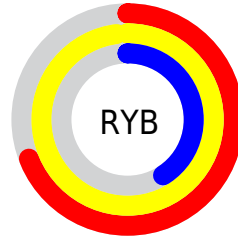
Distribution



Red (98%)

Green (80%)

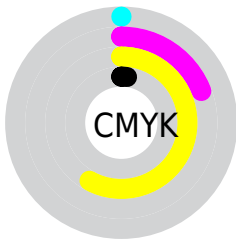
Blue (41%)



Red (69%)

Yellow (98%)

Blue (41%)

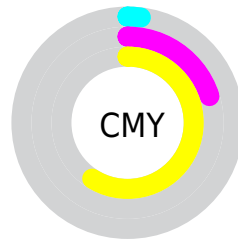


Cyan (0%)

Magenta (19%)

Yellow (58%)

Black (2%)



Cyan (2%)


Magenta (20%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3301, 64.0558, 22.3907 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 63.3301, 64.0558, 22.3907 by changing the saturation by 10% instead.


 63.3301, 64.0558,
22.3907

 63.3301, 64.0558,
22.3907


426.4071,
439.3911, 277.5996

 46.3680, 46.6959,
13.9432


 108.7247,
110.6913, 48.3013


 32.7421, 32.7953,
7.9429


 137.8880,
140.7356, 66.6016

 22.0873, 21.9697,
3.9712

 171.8489,
175.7769, 89.0231

 14.0380, 13.8346,
1.6095

 210.9730,
216.1995, 115.9845

 8.2290, 8.0057,
0.2976

255.6254,
262.3879, 147.9043

 4.2948, 4.0986,
0.0000

306.1717,

 1.8703, 1.7289,

314.7263, 185.2011

0.0000

362.9772,
373.5993, 228.2934

■ 0.5595, 0.4423,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.3301, 64.0558,
22.3907

■ 63.3301, 64.0558,
22.3907

■ 60.3659, 59.8904,
15.9683

■ 66.7750, 68.5784,
30.8375

■ 57.8421, 56.0564,
11.3861


■ 70.7275, 73.4640,
41.4637


■ 55.7185, 52.5375,
8.4326

■ 75.2176, 78.7293,
54.4132


■ 53.9385, 49.3087,
6.8183

■ 80.2715, 84.3871,
69.8167

 53.6076, 48.6908,
6.5728

 85.9134, 90.4492,
87.7950

 92.1657, 96.9269,
108.4588

 93.2342, 99.0639,
108.8150

Harmonies

Analogous

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



75.5305, 64.0558, 28.6646



63.3301, 64.0558, 22.3907



51.9356, 64.0558, 25.0090

Triad

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



63.3301, 64.0558, 22.3907



42.0835, 64.0558, 100.3723



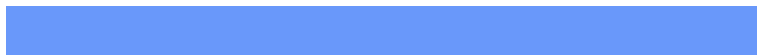
81.6122, 64.0558, 116.4291

Complementary

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



63.3301, 64.0558, 22.3907



34.3088, 32.3605, 94.8801

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.



70.8035, 64.0558, 149.5706



63.3301, 64.0558, 22.3907



48.2635, 64.0558, 138.3615

Square

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



63.3301, 64.0558, 22.3907



40.6319, 64.0558, 63.0558



58.5000, 64.0558, 158.6967



86.9439, 64.0558, 76.8931

Rectangle

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



63.3301, 64.0558, 22.3907



46.1667, 64.0558, 32.0931



58.5000, 64.0558, 158.6967



78.4353, 64.0558, 129.1480

Sweetspot

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



63.3316, 64.0589, 22.3920



84.5202, 88.8771, 74.7564



50.2535, 32.7386, 33.9528



17.8502, 18.7596, 15.2505



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.



63.3316, 64.0589, 22.3920



62.5620, 61.7889, 15.5581



68.0472, 85.5327, 26.2883



18.2255, 19.1868, 18.2052



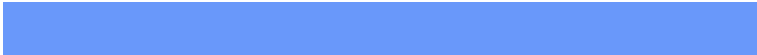
28.5716, 26.0999, 3.5319



2.7424, 2.6097, 0.3592

Inverse Universe

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



34.3088, 32.3605, 94.8801



29.6441, 25.9245, 98.0493



31.3860, 21.6861, 92.9737



16.7423, 17.5615, 21.8926



10.8299, 7.0154, 48.7569



1.0950, 0.8336, 4.5464

Previews

White Background



This preview shows how the XYZ color 63.3301, 64.0558, 22.3907 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 63.3301, 64.0558, 22.3907 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 63.3301, 64.0558, 22.3907

Background



This preview shows how black text looks on a background with the XYZ color 63.3301, 64.0558, 22.3907.



This preview shows how white text looks on a background with the XYZ color 63.3301, 64.0558,

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

63.3301, 64.0558, 22.3907

Protanopia

58.9791, 64.3105, 23.2146

Deuteranopia

65.0467, 63.8295, 25.4150



Tritanopia

71.5724, 63.9049, 67.5941

Trichromacy



Original Color

63.3301, 64.0558, 22.3907

Protanomaly

60.5109, 64.0170, 22.8029

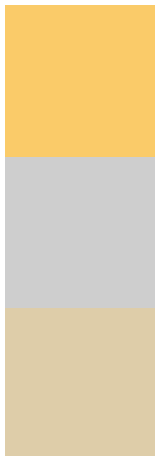
Deuteranomaly

64.3193, 63.8258, 24.2589

Tritanomaly

67.7300, 63.7174, 46.7591

Monochromacy



Original Color

63.3301, 64.0558, 22.3907

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.1170, 62.0568, 46.3985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3301, 64.0558, 22.3907 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(250, 203, 105)` looks like.

```
.text, #text, p{  
    color:rgb(250, 203, 105)  
}
```

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(250, 203, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 203, 105) }
```

Border

The CSS property to change the border of an element to XYZ 63.3301, 64.0558, 22.3907 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(250, 203, 105) }
```


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

```
.border{ border-color:rgb(250, 203, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 203, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 203, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 203, 105);  
box-shadow:4px 4px 4px 4px rgb(250, 203,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3301, 64.0558, 22.3907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 203, 105) }
```

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

```
.background{ background-color: rgb(250,  
203, 105) }
```

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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