

Converting Colors

XYZ(65.0083, 62.3422, 29.7507)

Have a look what the booklet for
XYZ(65.0083, 62.3422, 29.7507)
contains.

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Color

**XYZ(65.0092, 62.3516,
29.7278)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC482
RGB	255, 196, 130
RGB Percent	100%, 77%, 51%
CMY	0.0000, 0.2313, 0.4902
CMYK	0.00, 0.23, 0.49, 0.00
HSL	32°, 100%, 75%
HSV	32°, 49%, 100%
XYZ	65.0092, 62.3516, 29.7278
YIQ	206.1170, 56.3500, -8.0180

Conversions

Conversions Part 2

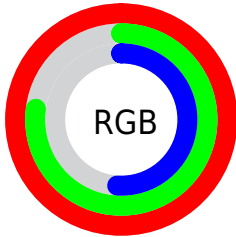
Format	Color
R _Y B	242, 255, 130
Decimal	16761986
CIE Lab	83.10, 13.38, 41.12
CIE LCh	83, 43.238, 71.972
Yxy	62.3516, 0.4138, 0.3969
Android (android.graphics.Color)	4294952066 (0xFFFFC482)
YUV	206.1170, -37.5257, 42.8704
Hunter-Lab	78.9630, 8.7713, 32.9528

Details

The XYZ color **65.0092, 62.3516, 29.7278** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.4527, 48.3590, 101.5460**, and the grayscale version is **58.9501, 62.0201, 67.5399**.

A 20% lighter version of the original color is **85.0170, 94.9713, 59.1978**, and **33.8492, 31.6463, 11.7214** is the 20% darker color. If you saturate the color by 10%, you get **60.8988, 56.5390, 20.9342**, and if you desaturate by 10%, it is **69.7645, 68.7754, 40.8299**.

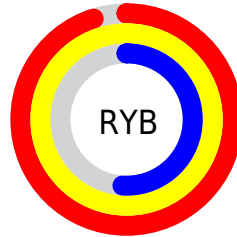
Distribution



Red (100%)

Green (77%)

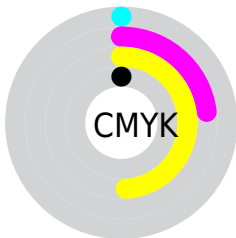
Blue (51%)



Red (95%)

Yellow (100%)

Blue (51%)

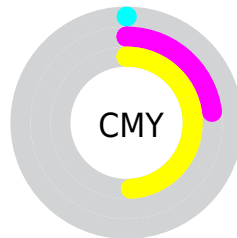


Cyan (0%)

Magenta (23%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0092, 62.3516, 29.7278 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 65.0092, 62.3516, 29.7278 by changing the saturation by 10% instead.


 65.0092, 62.3516,
29.7278

 65.0092, 62.3516,
29.7278


432.3697,
433.2125, 314.8013


 47.7333, 45.3169,
19.3818


 111.1287,
108.2335, 60.2874

 33.8261, 31.7071,
11.7669


 140.7030,
137.8495, 81.3380

 22.9223, 21.1379,
6.4645

 175.1075,
172.4280, 106.7938

 14.6565, 13.2248,
3.0562

214.7075,
212.3535, 137.0735

 8.6634, 7.5835,
1.1234

259.8683,
258.0102, 172.5956

 4.5776, 3.8296,
0.0000

310.9554,

 2.0338, 1.5787,

309.7827, 213.7786

0.0000

368.3341,
368.0553, 261.0409

■ 0.6529, 0.3432,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.0092, 62.3516,
29.7278

■ 65.0092, 62.3516,
29.7278

■ 60.8988, 56.5390,
20.9342

■ 69.7645, 68.7754,
40.8299

■ 57.3918, 51.3056,
14.2757

■ 75.1938, 75.8227,
54.3892

■ 54.4480, 46.6294,
9.5597

■ 81.3294, 83.5164,
70.5465

■ 52.0187, 42.4821,
6.5569

■ 88.2002, 91.8754,
89.4304

■ 50.0342, 38.8267, 95.0499, 99.9999,
4.9291 108.9000

■ 49.8554, 38.4909,
4.8018

Harmonies

Analogous

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



73.6753, 62.3516, 38.9261



65.0092, 62.3516, 29.7278



55.6081, 62.3516, 28.9225

Triad

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



65.0092, 62.3516, 29.7278



43.3441, 62.3516, 79.1524



72.1318, 62.3516, 113.8706

Complementary

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



65.0092, 62.3516, 29.7278



45.4527, 48.3590, 101.5460

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.



63.0753, 62.3516, 131.8209



65.0092, 62.3516, 29.7278



46.8652, 62.3516, 108.5211

Square

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



65.0092, 62.3516, 29.7278



43.7448, 62.3516, 53.1561



53.8664, 62.3516, 129.6396



78.0762, 62.3516, 85.1230

Rectangle

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



65.0092, 62.3516, 29.7278



50.2358, 62.3516, 32.8824



53.8664, 62.3516, 129.6396



69.3123, 62.3516, 121.6698

Sweetspot

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



65.0107, 62.3546, 29.7290



84.0010, 86.7949, 77.8010



58.5627, 40.9617, 53.7746



17.6765, 18.2067, 15.8262



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.



65.0107, 62.3546, 29.7290



60.9061, 56.5495, 20.9487



80.2668, 93.9985, 35.0328



18.8034, 19.5749, 18.9316



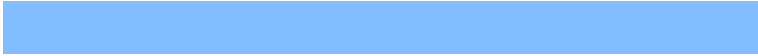
26.2014, 20.4141, 2.5593



2.6606, 2.2065, 0.2857

Inverse Universe

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



45.4527, 48.3590, 101.5460



39.2612, 41.0726, 100.4663



35.5619, 28.0982, 98.1566



17.7100, 18.7916, 22.9437



13.1097, 11.1290, 50.8917



1.3848, 1.3003, 4.9913

Previews

White Background



This preview shows how the XYZ color 65.0092, 62.3516, 29.7278 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 65.0092, 62.3516, 29.7278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

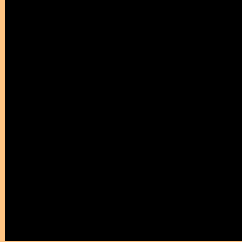
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0092, 62.3516, 29.7278

Background



This preview shows how black text looks on a background with the XYZ color 65.0092, 62.3516, 29.7278.



This preview shows how white text looks on a background with the XYZ color 65.0092, 62.3516,

29.7278.

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

65.0092, 62.3516, 29.7278

Protanopia

57.6672, 62.3544, 31.5505

Deuteranopia

63.6477, 62.3239, 29.7942



Tritanopia

70.3141, 62.3512, 64.2061

Trichromacy



Original Color

65.0092, 62.3516, 29.7278

Protanomaly

60.1816, 62.2382, 31.0316

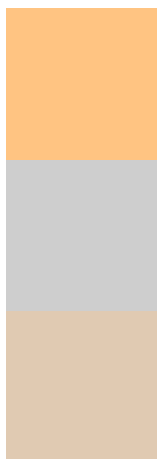
Deuteranomaly

64.1404, 62.2397, 29.7520

Tritanomaly

67.9261, 62.0939, 49.4795

Monochromacy



Original Color

65.0092, 62.3516, 29.7278

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.8969, 61.3027, 50.7952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0092, 62.3516, 29.7278 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, 196, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 130)  
}
```

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, 196, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 130) }
```

Border

The CSS property to change the border of an element to XYZ 65.0092, 62.3516, 29.7278 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, 196, 130) }
```


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

```
.border{ border-color:rgb(255, 196, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0092, 62.3516, 29.7278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 130) }
```

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

```
.background{ background-color: rgb(255,  
196, 130) }
```

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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