

Converting Colors

XYZ(64.4105, 59.4276, 29.2803)

Have a look what the booklet for
XYZ(64.4105, 59.4276, 29.2803)
contains.

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Color

**XYZ(63.2525, 58.8381,
29.1422)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBC82
RGB	255, 188, 130
RGB Percent	100%, 74%, 51%
CMY	0.0000, 0.2627, 0.4902
CMYK	0.00, 0.26, 0.49, 0.00
HSL	28°, 100%, 75%
HSV	28°, 49%, 100%
XYZ	63.2525, 58.8381, 29.1422
YIQ	201.4210, 58.5500, -3.8340

Conversions

Conversions Part 2

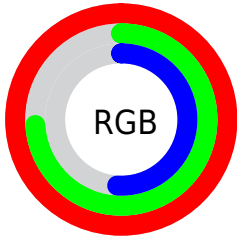
Format	Color
R_{YB}	255, 238, 130
Decimal	16759938
CIE _{Lab}	81.20, 17.56, 38.70
CIE _{LCh}	81, 42.497, 65.600
Yxy	58.8381, 0.4182, 0.3891
Android (android.graphics.Color)	4294950018 (0xFFFFBC82)
YUV	201.4210, -35.2106, 46.9888
Hunter-Lab	76.7060, 12.9573, 31.1687

Details

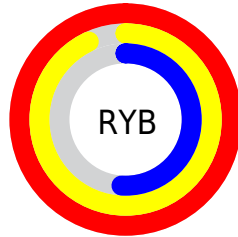
The XYZ color **63.2525, 58.8381, 29.1422** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.2213, 51.8963, 102.1357**, and the grayscale version is **55.9663, 58.8810, 64.1214**.

A 20% lighter version of the original color is **82.2424, 89.4221, 58.2729**, and **32.8402, 29.6282, 11.3851** is the 20% darker color. If you saturate the color by 10%, you get **58.9660, 52.6732, 20.2899**, and if you desaturate by 10%, it is **68.2425, 65.7314, 40.3224**.

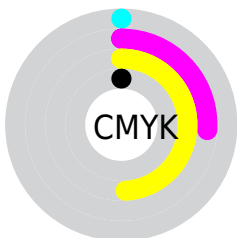
Distribution



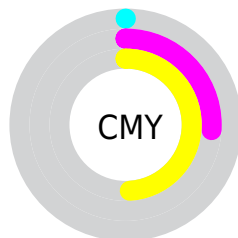
- Red (100%)
- Green (74%)
- Blue (51%)



- Red (100%)
- Yellow (93%)
- Blue (51%)



- Cyan (0%)
- Magenta (26%)
- Yellow (49%)
- Black (0%)



- Cyan (0%)
- Magenta (26%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2525, 58.8381, 29.1422 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 63.2525, 58.8381, 29.1422 by changing the saturation by 10% instead.

63.2525, 58.8381,
29.1422

63.2525, 58.8381,
29.1422

426.1304,
420.3017, 311.9672

46.3049, 42.4828,
18.9419

108.6135,
103.1423, 59.3478

32.6921, 29.4795,
11.4519

137.7576,
131.8600, 80.1902

22.0488, 19.4439,
6.2537

171.6979,
165.4674, 105.4171

14.0096, 11.9914,
2.9287

210.7998,
204.3487, 135.4470

8.2091, 6.7379,
1.0583

255.4287,
248.8883, 170.6984

4.2820, 3.2987,
0.0000

305.9498,

1.8628, 1.2896,

299.4708, 211.5898

0.0000

362.7286,
356.4805, 258.5399

0.5551, 0.1331,
0.0000

0.0000, 0.0000,
0.0000

63.2525, 58.8381,
29.1422

63.2525, 58.8381,
29.1422

58.9660, 52.6732,
20.2899

68.2425, 65.7314,
40.3224

55.3391, 47.2001,
13.5913

73.9678, 73.3706,
53.9805

52.3288, 42.3910,
8.8533

80.4629, 81.7832,
70.2575

49.8836, 38.2119,
5.8452

87.7588, 90.9924,
89.2832

■ 47.9308, 34.6197, 95.0499, 100.0000,
4.2279 108.9000

■ 47.7575, 34.2950,
4.1025

Harmonies

Analogous

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



70.9331, 58.8381, 39.6764



63.2525, 58.8381, 29.1422



54.2798, 58.8381, 26.7723

Triad

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



63.2525, 58.8381, 29.1422



40.6400, 58.8381, 68.9387



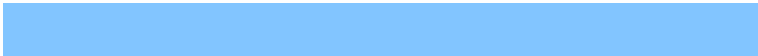
66.4262, 58.8381, 112.4240

Complementary

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



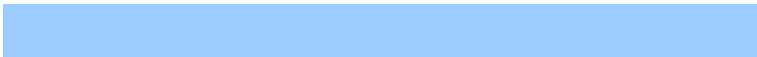
63.2525, 58.8381, 29.1422



47.2213, 51.8963, 102.1357

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.



57.6008, 58.8381, 125.8381



63.2525, 58.8381, 29.1422



43.1969, 58.8381, 96.8283

Square

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



63.2525, 58.8381, 29.1422



41.8141, 58.8381, 45.9668



49.1843, 58.8381, 119.4855



72.8966, 58.8381, 86.3807

Rectangle

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



63.2525, 58.8381, 29.1422



48.8886, 58.8381, 29.3979



49.1843, 58.8381, 119.4855



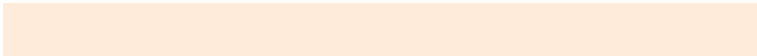
63.6035, 58.8381, 118.8335

Sweetspot

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



63.2539, 58.8410, 29.1434



83.2972, 85.3873, 77.5665



59.5027, 41.3377, 58.7241



17.5073, 17.8683, 15.7698



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.



63.2539, 58.8410, 29.1434



58.9735, 52.6842, 20.3045



79.0677, 90.4686, 34.4146



18.7041, 19.3764, 18.8985



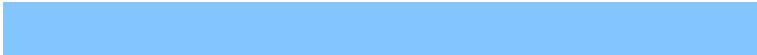
25.1003, 18.2118, 2.1923



2.5519, 1.9892, 0.2495

Inverse Universe

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



47.2213, 51.8963, 102.1357



41.2105, 44.9712, 101.1160



36.0958, 29.6453, 98.4272



17.8093, 18.9903, 22.9768



14.2323, 13.3742, 51.2659



1.4951, 1.5210, 5.0280

Previews

White Background



This preview shows how the XYZ color 63.2525, 58.8381, 29.1422 looks on a white background.

Color Contrast Check

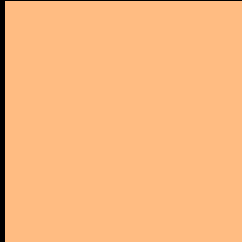
Large Text (above 18pt) WCAG AA × Fail

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 63.2525, 58.8381, 29.1422 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 63.2525, 58.8381, 29.1422

Background



This preview shows how black text looks on a background with the XYZ color 63.2525, 58.8381, 29.1422.



This preview shows how white text looks on a background with the XYZ color 63.2525, 58.8381,

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

63.2525, 58.8381, 29.1422

Protanopia

54.7779, 59.0787, 31.8088

Deuteranopia

59.9946, 58.7796, 28.9524



Tritanopia

67.8183, 58.6560, 59.3771

Trichromacy



Original Color

63.2525, 58.8381, 29.1422

Protanomaly

57.5480, 58.8095, 30.8725

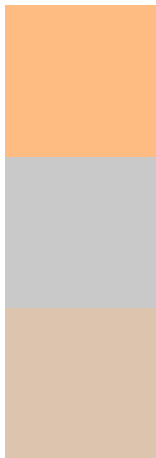
Deuteranomaly

60.9510, 58.6207, 28.8713

Tritanomaly

65.7312, 58.4813, 46.3517

Monochromacy



Original Color

63.2525, 58.8381, 29.1422

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.2966, 57.9472, 48.7225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2525, 58.8381, 29.1422 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, 188, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 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, 188, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 130) }
```

Border

The CSS property to change the border of an element to XYZ 63.2525, 58.8381, 29.1422 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, 188, 130) }
```


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

```
.border{ border-color:rgb(255, 188, 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, 188, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2525, 58.8381, 29.1422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 130) }
```

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

```
.background{ background-color: rgb(255,  
188, 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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