

Converting Colors

XYZ(58.8393, 54.4070, 23.9474)

Have a look what the booklet for
XYZ(58.8393, 54.4070, 23.9474)
contains.

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Color

**XYZ(58.7432, 54.4484,
23.9365)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B574
RGB	249, 181, 116
RGB Percent	98%, 71%, 45%
CMY	0.0235, 0.2902, 0.5451
CMYK	0.00, 0.27, 0.53, 0.02
HSL	29°, 92%, 72%
HSV	29°, 53%, 98%
XYZ	58.7432, 54.4484, 23.9365
YIQ	193.9220, 61.3930, -5.7990

Conversions

Conversions Part 2

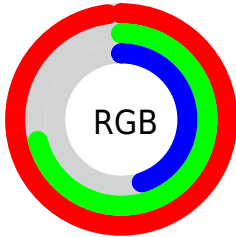
Format	Color
RYB	249, 243, 116
Decimal	16364916
CIELab	78.72, 17.62, 42.61
CIELCh	79, 46.106, 67.538
Yxy	54.4484, 0.4284, 0.3971
Android (android.graphics.Color)	4294554996 (0xFFFF9B574)
YUV	193.9220, -38.4155, 48.3034
Hunter-Lab	73.7892, 12.9720, 32.4193

Details

The XYZ color **58.7432, 54.4484, 23.9365** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.4411, 44.8317, 96.0915**, and the grayscale version is **51.4279, 54.1062, 58.9216**.

A 20% lighter version of the original color is **78.6856, 84.6929, 49.7363**, and **29.6888, 26.6505, 8.7335** is the 20% darker color. If you saturate the color by 10%, you get **55.0133, 49.0043, 16.4799**, and if you desaturate by 10%, it is **63.1004, 60.5261, 33.5181**.

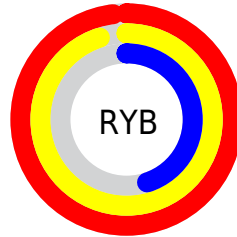
Distribution



Red (98%)

Green (71%)

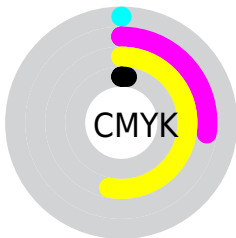
Blue (45%)



Red (98%)

Yellow (95%)

Blue (45%)

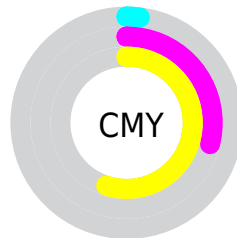


Cyan (0%)

Magenta (27%)

Yellow (53%)

Black (2%)



Cyan (2%)


Magenta (29%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7432, 54.4484, 23.9365 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 58.7432, 54.4484, 23.9365 by changing the saturation by 10% instead.


 58.7432, 54.4484,
23.9365


 58.7432, 54.4484,
23.9365


409.8590,
403.8176, 285.7755


 42.6520, 38.9603,
15.0748


 102.1211, 96.7323,
50.8691

 29.8055, 26.7288,
8.7247


 130.1385,
124.2969, 69.7770

 19.8383, 17.3697,
4.4677


 162.8621,
156.6557, 92.8708

 12.3852, 10.4984,
1.8853

200.6571,
194.1932, 120.5688

 7.0806, 5.7306,
0.4833

243.8889,
237.2937, 153.2898

 3.5594, 2.6820,
0.0000

292.9229,

 1.4560, 0.9681,

286.3417, 191.4522

0.0000

348.1245,
341.7215, 235.4746

■ 0.2956, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7432, 54.4484,
23.9365

■ 58.7432, 54.4484,
23.9365

■ 55.0133, 49.0043,
16.4799

■ 63.1004, 60.5261,
33.5181

■ 51.8687, 44.1606,
10.9756

■ 68.1153, 67.2529,
45.3723

■ 49.2674, 39.8920,
7.2288

■ 73.8206, 74.6534,
59.6372

■ 47.1576, 36.1668,
5.0015

■ 80.2457, 82.7483,
76.4389

45.9898, 33.9857,
4.1360

87.4179, 91.5573,
95.8944

92.8768, 98.8797,
108.7983

Harmonies

Analogous

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



66.9357, 54.4484, 33.6525



58.7432, 54.4484, 23.9365



49.4854, 54.4484, 22.1396

Triad

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



58.7432, 54.4484, 23.9365



36.2440, 54.4484, 66.1192



63.1857, 54.4484, 108.6777

Complementary

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



58.7432, 54.4484, 23.9365



41.4411, 44.8317, 96.0915

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.



54.0859, 54.4484, 124.2932



58.7432, 54.4484, 23.9365



39.0571, 54.4484, 95.4424

Square

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



58.7432, 54.4484, 23.9365



37.1814, 54.4484, 42.0960



45.3380, 54.4484, 118.8458



69.7034, 54.4484, 80.6126

Rectangle

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



58.7432, 54.4484, 23.9365



44.0615, 54.4484, 24.9780



45.3380, 54.4484, 118.8458



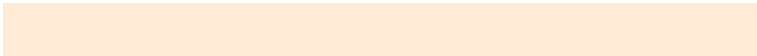
60.2880, 54.4484, 115.8825

Sweetspot

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



58.7445, 54.4511, 23.9376



82.8663, 85.0515, 75.8014



54.0396, 36.1218, 49.8667



17.4330, 17.8231, 15.4258



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.



58.7445, 54.4511, 23.9376



57.8331, 51.3694, 16.9466



75.4138, 87.7896, 29.4940



17.9450, 18.6259, 18.1117



24.7590, 18.4746, 2.2610



2.3989, 1.9226, 0.2447

Inverse Universe

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



41.4411, 44.8317, 96.0915



37.8192, 40.2360, 100.3808



30.8058, 23.5611, 92.5464



17.0168, 18.1103, 21.9841



13.3787, 12.1129, 49.6064



1.3452, 1.3341, 4.6298

Previews

White Background



This preview shows how the XYZ color 58.7432, 54.4484, 23.9365 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 58.7432, 54.4484, 23.9365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

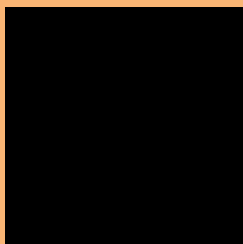
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7432, 54.4484, 23.9365

Background



This preview shows how black text looks on a background with the XYZ color 58.7432, 54.4484, 23.9365.



This preview shows how white text looks on a background with the XYZ color 58.7432, 54.4484,

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

58.7432, 54.4484, 23.9365

Protanopia

50.4069, 54.5568, 25.9630

Deuteranopia

55.5785, 54.3601, 23.7829



Tritanopia

64.8555, 54.3102, 53.5190

Trichromacy



Original Color

58.7432, 54.4484, 23.9365

Protanomaly

53.1073, 54.3276, 25.1400

Deuteranomaly

56.5106, 54.2196, 23.7066

Tritanomaly

62.2710, 54.1158, 40.8816

Monochromacy



Original Color

58.7432, 54.4484, 23.9365

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.8121, 53.4445, 43.6087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7432, 54.4484, 23.9365 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(249, 181, 116)` looks like.

```
.text, #text, p{  
    color:rgb(249, 181, 116)  
}
```

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(249, 181, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 181, 116) }
```

Border

The CSS property to change the border of an element to XYZ 58.7432, 54.4484, 23.9365 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(249, 181, 116) }
```


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

```
.border{ border-color:rgb(249, 181, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 181, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 181, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 181, 116);  
box-shadow:4px 4px 4px 4px rgb(249, 181,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7432, 54.4484, 23.9365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 181, 116) }
```

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

```
.background{ background-color: rgb(249,  
181, 116) }
```

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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