

Converting Colors

XYZ(58.5639, 53.3023, 22.7002)

Have a look what the booklet for
XYZ(58.5639, 53.3023, 22.7002)
contains.

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Color

**XYZ(58.4864, 53.1458,
22.7984)**

Conversions

Conversions Part 1

Format	Color
Hex	FBB171
RGB	251, 177, 113
RGB Percent	98%, 69%, 44%
CMY	0.0157, 0.3059, 0.5569
CMYK	0.00, 0.29, 0.55, 0.02
HSL	28°, 95%, 71%
HSV	28°, 55%, 98%
XYZ	58.4864, 53.1458, 22.7984
YIQ	191.8300, 64.6480, -4.2160

Conversions

Conversions Part 2

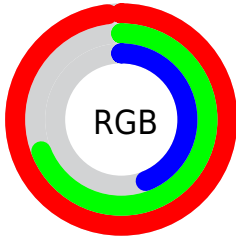
Format	Color
R_{YB}	251, 232, 113
Decimal	16494961
CIE _{Lab}	77.96, 20.28, 43.24
CIE _{LCh}	78, 47.758, 64.877
Yxy	53.1458, 0.4351, 0.3953
Android (android.graphics.Color)	4294685041 (0xFFFBB171)
YUV	191.8300, -38.8632, 51.8921
Hunter-Lab	72.9012, 15.6281, 32.4890

Details

The XYZ color **58.4864, 53.1458, 22.7984** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **41.9919, 46.0141, 97.9346**, and the grayscale version is **50.1981, 52.8123, 57.5126**.

A 20% lighter version of the original color is **77.2618, 82.2910, 47.8880**, and **29.5907, 25.8506, 8.1327** is the 20% darker color. If you saturate the color by 10%, you get **54.7356, 47.6017, 15.5144**, and if you desaturate by 10%, it is **62.8926, 59.3758, 32.2294**.

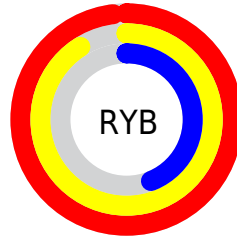
Distribution



Red (98%)

Green (69%)

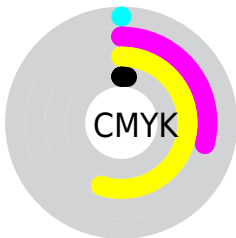
Blue (44%)



Red (98%)

Yellow (91%)

Blue (44%)

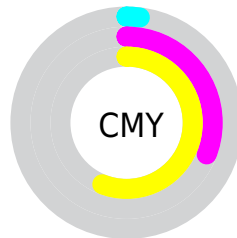


Cyan (0%)

Magenta (29%)

Yellow (55%)

Black (2%)



Cyan (2%)


Magenta (31%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4864, 53.1458, 22.7984 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 58.4864, 53.1458, 22.7984 by changing the saturation by 10% instead.


 58.4864, 53.1458,
22.7984

 58.4864, 53.1458,
22.7984


408.9206,
398.8442, 279.7761


 42.4446, 37.9192,
14.2408


 101.7497, 94.8189,
48.9811

 29.6422, 25.9200,
8.1477


 129.7020,
122.0341, 67.4433

 19.7139, 16.7638,
4.1005


 162.3550,
154.0144, 90.0440

 12.2943, 10.0662,
1.6806

200.0743,
191.1440, 117.2020

 7.0181, 5.4429,
0.3474

243.2252,
233.8074, 149.3356

 3.5198, 2.5094,
0.0000

292.1729,

 1.4342, 0.8813,

282.3890, 186.8635

0.0000

347.2830,
337.2731, 230.2042

■ 0.2804, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4864, 53.1458,
22.7984

■ 58.4864, 53.1458,
22.7984

■ 54.7356, 47.6017,
15.5144

■ 62.8926, 59.3758,
32.2294

■ 51.5959, 42.7073,
10.1976

■ 67.9871, 66.3100,
43.9611

■ 49.0219, 38.4340,
6.6434

■ 73.8045, 73.9757,
58.1366

■ 46.9581, 34.7462,
4.5992

■ 80.3759, 82.3959,
74.8862

46.0769, 33.0962,
3.9597

87.7304, 91.5927,
94.3312

93.5934, 99.2491,
108.8318

Harmonies

Analogous

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



66.6372, 53.1458, 33.2589



58.4864, 53.1458, 22.7984



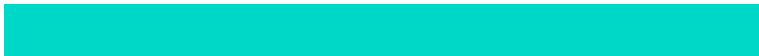
49.0095, 53.1458, 20.3865

Triad

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



58.4864, 53.1458, 22.7984



34.7187, 53.1458, 62.3274



61.4360, 53.1458, 110.8236

Complementary

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



58.4864, 53.1458, 22.7984



41.9919, 46.0141, 97.9346

Split Complementary

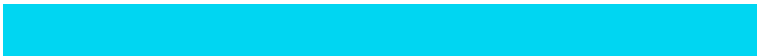
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52.0479, 53.1458, 125.3024



58.4864, 53.1458, 22.7984



37.2261, 53.1458, 92.3405

Square

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



58.4864, 53.1458, 22.7984



36.0004, 53.1458, 38.7449



43.3002, 53.1458, 117.6696



68.4812, 53.1458, 82.4275

Rectangle

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



58.4864, 53.1458, 22.7984



43.3631, 53.1458, 22.7485



43.3002, 53.1458, 117.6696



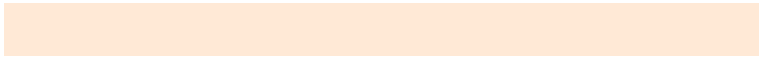
58.4097, 53.1458, 117.8189

Sweetspot

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



58.4877, 53.1484, 22.7994



82.5771, 84.4731, 75.7050



54.8633, 35.9896, 52.1426



17.3642, 17.6855, 15.4029



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.



58.4877, 53.1484, 22.7994



56.3599, 48.7669, 15.3952



75.1448, 86.4626, 28.3518



17.9081, 18.5521, 18.0995



24.3625, 17.6816, 2.1289



2.3613, 1.8474, 0.2321

Inverse Universe

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



41.9919, 46.0141, 97.9346



37.6629, 40.6525, 100.4694



30.9275, 23.8852, 94.2465



17.0539, 18.1846, 21.9964



13.8238, 13.0032, 49.7548



1.3864, 1.4165, 4.6435

Previews

White Background



This preview shows how the XYZ color 58.4864, 53.1458, 22.7984 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 58.4864, 53.1458, 22.7984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

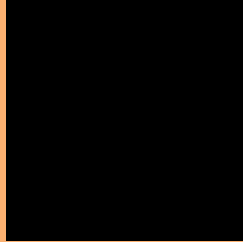
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4864, 53.1458, 22.7984

Background



This preview shows how black text looks on a background with the XYZ color 58.4864, 53.1458, 22.7984.



This preview shows how white text looks on a background with the XYZ color 58.4864, 53.1458,

22.7984.

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

58.4864, 53.1458, 22.7984

Protanopia

49.2637, 53.3207, 25.1482

Deuteranopia

54.2707, 53.0908, 22.4261



Tritanopia

63.8715, 53.0133, 51.1222

Trichromacy



Original Color

58.4864, 53.1458, 22.7984

Protanomaly

52.3452, 52.9938, 24.2995

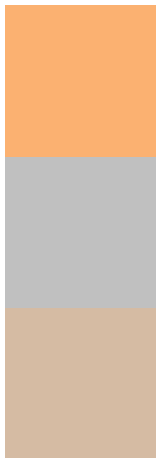
Deuteranomaly

55.7241, 52.9184, 22.6065

Tritanomaly

61.7114, 53.0102, 38.8777

Monochromacy



Original Color

58.4864, 53.1458, 22.7984

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.8218, 52.3311, 42.0199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4864, 53.1458, 22.7984 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(251, 177, 113)` looks like.

```
.text, #text, p{  
    color:rgb(251, 177, 113)  
}
```

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(251, 177, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 177, 113) }
```

Border

The CSS property to change the border of an element to XYZ 58.4864, 53.1458, 22.7984 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(251, 177, 113) }
```


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

```
.border{ border-color:rgb(251, 177, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 177, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 177, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 177, 113);  
box-shadow:4px 4px 4px 4px rgb(251, 177,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4864, 53.1458, 22.7984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 177, 113) }
```

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

```
.background{ background-color: rgb(251,  
177, 113) }
```

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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