

Converting Colors

XYZ(52.3764, 42.9363, 21.5207)

Have a look what the booklet for
XYZ(52.3764, 42.9363, 21.5207)
contains.

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Color

**XYZ(52.3014, 42.8018,
21.4246)**

Conversions

Conversions Part 1

Format	Color
Hex	F79672
RGB	247, 150, 114
RGB Percent	97%, 59%, 45%
CMY	0.0314, 0.4117, 0.5529
CMYK	0.00, 0.39, 0.54, 0.03
HSL	16°, 89%, 71%
HSV	16°, 54%, 97%
XYZ	52.3014, 42.8018, 21.4246
YIQ	174.8990, 69.3680, 9.3680

Conversions

Conversions Part 2

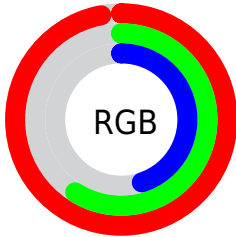
Format	Color
R _Y B	247, 163, 114
Decimal	16225906
CIE Lab	71.42, 32.92, 34.40
CIE LCh	71, 47.609, 46.261
Yxy	42.8018, 0.4488, 0.3673
Android (android.graphics.Color)	4294415986 (0xFFFF79672)
YUV	174.8990, -30.0232, 63.2326
Hunter-Lab	65.4231, 28.2085, 26.3800

Details

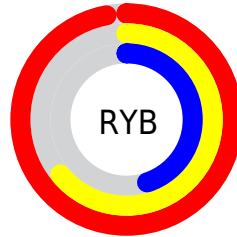
The XYZ color **52.3014, 42.8018, 21.4246** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **47.0208, 56.8784, 96.4957**, and the grayscale version is **40.8217, 42.9476, 46.7699**.

A 20% lighter version of the original color is **69.9543, 67.6758, 45.4521**, and **25.8153, 19.6818, 7.4394** is the 20% darker color. If you saturate the color by 10%, you get **48.4239, 37.0013, 14.1075**, and if you desaturate by 10%, it is **57.0024, 49.6422, 30.8894**.

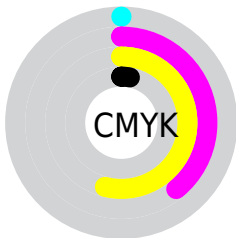
Distribution



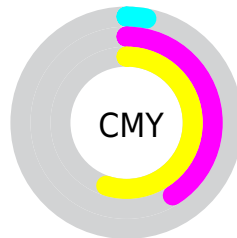
- Red (97%)
- Green (59%)
- Blue (45%)



- Red (97%)
- Yellow (64%)
- Blue (45%)



- Cyan (0%)
- Magenta (39%)
- Yellow (54%)
- Black (3%)





- Cyan (3%)
- Magenta (41%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3014, 42.8018, 21.4246 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 52.3014, 42.8018, 21.4246 by changing the saturation by 10% instead.


 52.3014, 42.8018,
21.4246


 52.3014, 42.8018,
21.4246


385.9040,
357.7960, 272.3813

 37.4706, 29.7296,
13.2405

 92.7472, 79.4117,
46.6831


 25.7474, 19.6335,
7.4617


 119.0929,
103.7182, 64.5944

 16.7665, 12.1289,
3.6697


 150.0076,
132.5383, 86.5853

 10.1624, 6.8315,
1.4459

 185.8567,
166.2563, 113.0743

 5.5699, 3.3570,
0.1772

227.0055,
205.2567, 144.4798

 2.6235, 1.3208,
0.0000

273.8195,

 0.9579, 0.1572,

249.9239, 181.2204

0.0000

326.6638,
300.6422, 223.7148

■ 0.0000, 0.0000,
0.0000

■ 52.3014, 42.8018,
21.4246

■ 52.3014, 42.8018,
21.4246

■ 48.4239, 37.0013,
14.1075

■ 57.0024, 49.6422,
30.8894

■ 45.3154, 32.1814,
8.7640

■ 62.5704, 57.5647,
42.6525

■ 42.9189, 28.2865,
5.1965

■ 69.0496, 66.6171,
56.8534

■ 41.1664, 25.2515,
3.1638

■ 76.4797, 76.8423,
73.6198

■ 40.3569, 23.7728,
2.4616

■ 84.8985, 88.2808,
93.0706

92.1676, 98.5141,
108.7651

Harmonies

Analogous

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



57.3533, 42.8018, 35.2995



52.3014, 42.8018, 21.4246



44.4552, 42.8018, 15.5217

Triad

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



52.3014, 42.8018, 21.4246



27.4661, 42.8018, 36.8824



45.1542, 42.8018, 103.1548

Complementary

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



52.3014, 42.8018, 21.4246



47.0208, 56.8784, 96.4957

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.



37.1283, 42.8018, 104.0114



52.3014, 42.8018, 21.4246



27.6014, 42.8018, 60.0957

Square

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



52.3014, 42.8018, 21.4246



30.5269, 42.8018, 22.2536



30.9248, 42.8018, 86.3464



52.8708, 42.8018, 84.2899

Rectangle

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



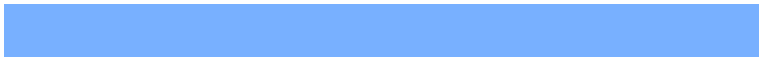
52.3014, 42.8018, 21.4246



39.0233, 42.8018, 15.0460



30.9248, 42.8018, 86.3464



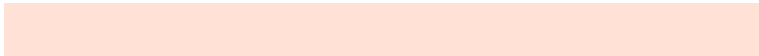
42.3867, 42.8018, 105.7290

Sweetspot

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



52.3024, 42.8040, 21.4254



80.3948, 80.1085, 74.9776



56.2000, 36.5390, 66.0699



16.8470, 16.6512, 15.2305



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.



52.3024, 42.8040, 21.4254



51.5957, 39.0695, 14.3281



65.9423, 70.0837, 25.9720



16.8641, 17.2123, 17.2310



21.4437, 12.7730, 1.3352



1.9664, 1.2861, 0.1446

Inverse Universe

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



47.0208, 56.8784, 96.4957



45.2720, 55.5125, 102.9366



33.8587, 30.5542, 92.1083



16.5951, 17.9546, 21.1335



17.6486, 21.0909, 49.6788



1.6360, 2.0234, 4.3946

Previews

White Background



This preview shows how the XYZ color 52.3014, 42.8018, 21.4246 looks on a white background.

Color Contrast Check

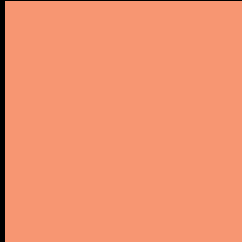
Large Text (above 18pt) WCAG AA × Fail

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 52.3014, 42.8018, 21.4246 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 52.3014, 42.8018, 21.4246

Background



This preview shows how black text looks on a background with the XYZ color 52.3014, 42.8018, 21.4246.



This preview shows how white text looks on a background with the XYZ color 52.3014, 42.8018,

21.4246.

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

52.3014, 42.8018, 21.4246

Protanopia

39.9543, 42.9340, 25.2501

Deuteranopia

44.0233, 43.1500, 21.0474



Tritanopia

55.3140, 42.6371, 36.3248

Trichromacy



Original Color

52.3014, 42.8018, 21.4246

Protanomaly

43.6047, 42.3301, 23.6416

Deuteranomaly

46.7208, 42.6671, 21.1024

Tritanomaly

54.0794, 42.5910, 30.1815

Monochromacy



Original Color

52.3014, 42.8018, 21.4246

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

43.4734, 41.9899, 35.9505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3014, 42.8018, 21.4246 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(247, 150, 114)` looks like.

```
.text, #text, p{  
    color:rgb(247, 150, 114)  
}
```

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(247, 150, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 150, 114) }
```

Border

The CSS property to change the border of an element to XYZ 52.3014, 42.8018, 21.4246 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(247, 150, 114) }
```


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

```
.border{ border-color:rgb(247, 150, 114) }
```

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

Here you see how a box with a 4 pixel rgb(247, 150, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 150, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 150, 114);  
box-shadow:4px 4px 4px 4px rgb(247, 150,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3014, 42.8018, 21.4246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 150, 114) }
```

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

```
.background{ background-color: rgb(247,  
150, 114) }
```

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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