

Converting Colors

XYZ(51.0822, 42.2748, 21.2740)

Have a look what the booklet for
XYZ(51.0822, 42.2748, 21.2740)
contains.

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Color

**XYZ(50.9058, 42.0823,
21.3593)**

Conversions

Conversions Part 1

Format	Color
Hex	F39672
RGB	243, 150, 114
RGB Percent	95%, 59%, 45%
CMY	0.0471, 0.4117, 0.5529
CMYK	0.00, 0.38, 0.53, 0.05
HSL	17°, 84%, 70%
HSV	17°, 53%, 95%
XYZ	50.9058, 42.0823, 21.3593
YIQ	173.7030, 66.9840, 8.5200

Conversions

Conversions Part 2

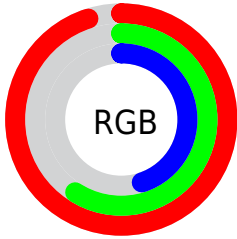
Format	Color
R_{YB}	243, 164, 114
Decimal	15963762
CIE _{Lab}	70.93, 31.36, 33.67
CIE _{LCh}	71, 46.011, 47.029
Yxy	42.0823, 0.4452, 0.3680
Android (android.graphics.Color)	4294153842 (0xFFFF39672)
YUV	173.7030, -29.4336, 60.7735
Hunter-Lab	64.8709, 26.5494, 25.8879

Details

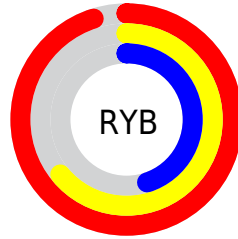
The XYZ color **50.9058, 42.0823, 21.3593** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.4287, 54.6715, 92.9521**, and the grayscale version is **40.2029, 42.2966, 46.0610**.

A 20% lighter version of the original color is **69.9543, 67.6758, 45.4521**, and **24.8503, 19.1843, 7.3942** is the 20% darker color. If you saturate the color by 10%, you get **47.1126, 36.4233, 14.1537**, and if you desaturate by 10%, it is **55.4863, 48.7283, 30.6404**.

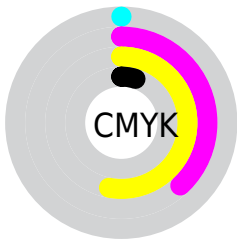
Distribution



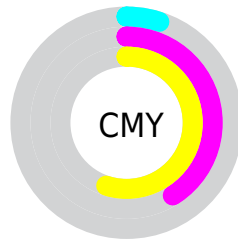
- Red (95%)
- Green (59%)
- Blue (45%)



- Red (95%)
- Yellow (64%)
- Blue (45%)



- Cyan (0%)
- Magenta (38%)
- Yellow (53%)
- Black (5%)





- Cyan (5%)
- Magenta (41%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9058, 42.0823, 21.3593 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 50.9058, 42.0823, 21.3593 by changing the saturation by 10% instead.


 50.9058, 42.0823,
21.3593


 50.9058, 42.0823,
21.3593


380.5914,
354.8240, 272.0254


 36.3544, 29.1657,
13.1931


 90.6993, 78.3242,
46.5733


 24.8794, 19.2062,
7.4294


 116.6722,
102.4183, 64.4581

 16.1155, 11.8194,
3.6495

 147.1828,
131.0070, 86.4196

 9.6973, 6.6208,
1.4351

 182.5967,
164.4748, 112.8763

 5.2594, 3.2261,
0.1689

223.2792,
203.2059, 144.2466

 2.4366, 1.2509,
0.0000

269.5955,

 0.8634, 0.1027,

247.5849, 180.9492

0.0000

321.9111,
297.9962, 223.4026

■ 0.0000, 0.0000,
0.0000

■ 50.9058, 42.0823,
21.3593

■ 50.9058, 42.0823,
21.3593

■ 47.1126, 36.4233,
14.1537

■ 55.4863, 48.7283,
30.6404

■ 44.0554, 31.6960,
8.8582

■ 60.8950, 56.4001,
42.1402

■ 41.6808, 27.8490,
5.2857

■ 67.1731, 65.1423,
55.9918

■ 39.9257, 24.8226,
3.2091

■ 74.3586, 74.9946,
72.3168

■ 39.0186, 23.1677,
2.4153

■ 82.4866, 85.9949,
91.2288

90.7720, 97.7946,
108.6998

Harmonies

Analogous

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



55.8059, 42.0823, 34.5395



50.9058, 42.0823, 21.3593



43.3972, 42.0823, 15.7729

Triad

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



50.9058, 42.0823, 21.3593



27.2886, 42.0823, 36.9864



44.4704, 42.0823, 99.1730

Complementary

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



50.9058, 42.0823, 21.3593



45.4287, 54.6715, 92.9521

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.



36.7810, 42.0823, 100.4731



50.9058, 42.0823, 21.3593



27.4985, 42.0823, 59.3238

Square

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



50.9058, 42.0823, 21.3593



30.1560, 42.0823, 22.6553



30.7715, 42.0823, 84.1538



51.7774, 42.0823, 81.0238

Rectangle

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



50.9058, 42.0823, 21.3593



38.2217, 42.0823, 15.4028



30.7715, 42.0823, 84.1538



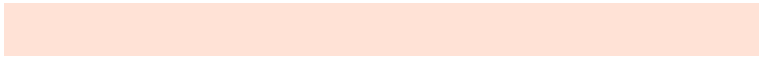
41.8285, 42.0823, 101.7604

Sweetspot

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



50.9068, 42.0844, 21.3601



80.4876, 80.2941, 75.0085



54.4387, 35.6733, 64.0788



16.8689, 16.6951, 15.2378



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.



50.9068, 42.0844, 21.3601



52.1587, 40.0206, 15.0551



63.7685, 67.8078, 25.6473



16.8756, 17.2354, 17.2349



21.5122, 12.9101, 1.3581



1.9738, 1.3008, 0.1470

Inverse Universe

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



45.4287, 54.6715, 92.9521



45.3544, 55.3064, 102.8925



33.1058, 30.0257, 88.8445



16.5829, 17.9301, 21.1294



17.4307, 20.6551, 49.6062



1.6183, 1.9880, 4.3887

Previews

White Background



This preview shows how the XYZ color 50.9058, 42.0823, 21.3593 looks on a white background.

Color Contrast Check

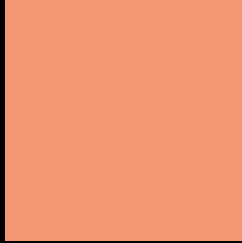
Large Text (above 18pt) WCAG AA × Fail

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 50.9058, 42.0823, 21.3593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

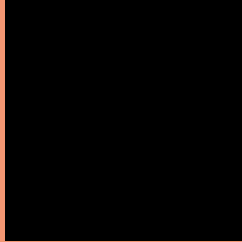
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9058, 42.0823, 21.3593

Background



This preview shows how black text looks on a background with the XYZ color 50.9058, 42.0823, 21.3593.



This preview shows how white text looks on a background with the XYZ color 50.9058, 42.0823,

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

50.9058, 42.0823, 21.3593

Protanopia

39.5132, 42.4187, 25.1738

Deuteranopia

43.0838, 42.1218, 20.8985



Tritanopia

53.8957, 41.9059, 36.2584

Trichromacy



Original Color

50.9058, 42.0823, 21.3593

Protanomaly

42.8577, 41.6762, 23.5548

Deuteranomaly

45.6196, 41.8411, 21.0009

Tritanomaly

52.6687, 41.8637, 30.1155

Monochromacy



Original Color

50.9058, 42.0823, 21.3593

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.6758, 41.3194, 35.4319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9058, 42.0823, 21.3593 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(243, 150, 114)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 150, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 150, 114) }
```

Border

The CSS property to change the border of an element to XYZ 50.9058, 42.0823, 21.3593 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(243, 150, 114) }
```


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

```
.border{ border-color:rgb(243, 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(243, 150, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 150, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 150, 114);  
box-shadow:4px 4px 4px 4px rgb(243, 150,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9058, 42.0823, 21.3593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 150, 114) }
```

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

```
.background{ background-color: rgb(243,  
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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