

Converting Colors

XYZ(50.9152, 41.4464, 23.8792)

Have a look what the booklet for
XYZ(50.9152, 41.4464, 23.8792)
contains.

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Color

**XYZ(51.0649, 41.6396,
23.7582)**

Conversions

Conversions Part 1

Format	Color
Hex	F3947A
RGB	243, 148, 122
RGB Percent	95%, 58%, 48%
CMY	0.0471, 0.4196, 0.5216
CMYK	0.00, 0.39, 0.50, 0.05
HSL	13°, 83%, 72%
HSV	13°, 50%, 95%
XYZ	51.0649, 41.6396, 23.7582
YIQ	173.4410, 64.9660, 12.0540

Conversions

Conversions Part 2

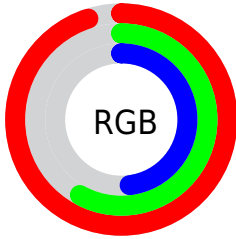
Format	Color
RYB	243, 155, 122
Decimal	15963258
CIELab	70.62, 33.10, 28.94
CIElCh	71, 43.971, 41.163
Yxy	41.6396, 0.4385, 0.3575
Android (android.graphics.Color)	4294153338 (0xFFFF3947A)
YUV	173.4410, -25.3604, 61.0032
Hunter-Lab	64.5288, 28.3309, 23.3407

Details

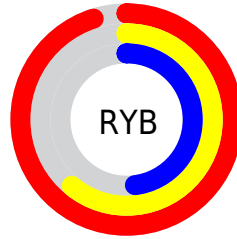
The XYZ color **51.0649, 41.6396, 23.7582** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **49.0153, 60.2316, 93.8363**, and the grayscale version is **40.0490, 42.1347, 45.8847**.

A 20% lighter version of the original color is **70.3338, 67.0670, 49.7957**, and **24.9139, 18.9141, 8.6410** is the 20% darker color. If you saturate the color by 10%, you get **46.9935, 35.6127, 15.8786**, and if you desaturate by 10%, it is **56.0079, 48.8076, 33.7861**.

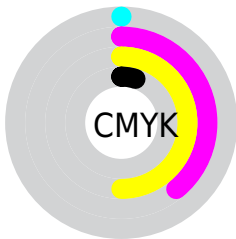
Distribution



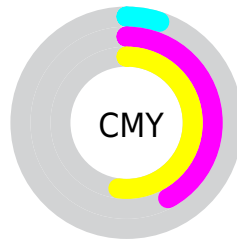
- Red (95%)
- Green (58%)
- Blue (48%)



- Red (95%)
- Yellow (61%)
- Blue (48%)



- Cyan (0%)
- Magenta (39%)
- Yellow (50%)
- Black (5%)





- Cyan (5%)
- Magenta (42%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0649, 41.6396, 23.7582 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 51.0649, 41.6396, 23.7582 by changing the saturation by 10% instead.


 51.0649, 41.6396,
23.7582


 51.0649, 41.6396,
23.7582


381.1994,
352.9868, 284.8428

 36.4815, 28.8192,
14.9438

 90.9331, 77.6539,
50.5742

 24.9781, 18.9441,
8.6338


 116.9487,
101.6165, 69.4129

 16.1894, 11.6299,
4.4096

 147.5056,
130.0621, 92.4301

 9.7500, 6.4922,
1.8526

182.9694,
163.3749, 120.0444

 5.2945, 3.1466,
0.4623

223.7053,
201.9394, 152.6742

 2.4576, 1.2087,
0.0000

270.0787,

 0.8739, 0.0688,

246.1399, 190.7382

0.0000

322.4549,
296.3609, 234.6549

■ 0.0000, 0.0000,
0.0000

■ 51.0649, 41.6396,
23.7582

■ 51.0649, 41.6396,
23.7582

■ 46.9935, 35.6127,
15.8786

■ 56.0079, 48.8076,
33.7861

■ 43.7380, 30.6610,
9.9862

■ 61.8677, 57.1656,
46.1024

■ 41.2404, 26.7209,
5.9010

■ 68.6897, 66.7672,
60.8383

■ 39.4332, 23.7196,
3.4085

■ 76.5154, 77.6611,
78.1141

■ 38.2206, 21.5674,
2.1629

■ 85.3840, 89.8930,
98.0423

■ 38.2002, 21.5309,
2.1425

■ 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.



54.9415, 41.6396, 38.0191



51.0649, 41.6396, 23.7582



44.2658, 41.6396, 17.0177

Triad

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



51.0649, 41.6396, 23.7582



27.7636, 41.6396, 33.5988



42.3465, 41.6396, 97.0675

Complementary

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



51.0649, 41.6396, 23.7582



49.0153, 60.2316, 93.8363

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.



35.2320, 41.6396, 94.7814



51.0649, 41.6396, 23.7582



27.3829, 41.6396, 53.5416

Square

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



51.0649, 41.6396, 23.7582



31.0686, 41.6396, 21.3791



29.9561, 41.6396, 77.1345



49.5126, 41.6396, 82.6625

Rectangle

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



51.0649, 41.6396, 23.7582



39.2941, 41.6396, 15.9300



29.9561, 41.6396, 77.1345



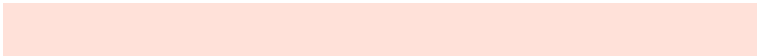
39.8617, 41.6396, 98.3177

Sweetspot

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



51.0659, 41.6417, 23.7590



80.6492, 80.0914, 76.6838



56.6816, 38.0780, 71.2422



16.8740, 16.6017, 15.5587



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.



51.0659, 41.6417, 23.7590



52.2860, 39.5147, 17.4417



62.7152, 64.9403, 27.6421



16.7878, 17.0597, 17.2056



21.0452, 11.9760, 1.2024



1.9219, 1.1970, 0.1298

Inverse Universe

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



49.0153, 60.2316, 93.8363



49.6818, 62.3494, 104.0239



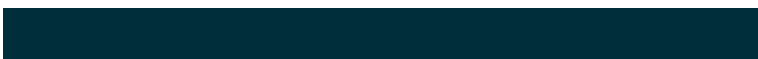
36.4821, 35.1652, 89.6585



16.6768, 18.1179, 21.1607



19.1797, 24.1532, 50.1892



1.7591, 2.2696, 4.4356

Previews

White Background



This preview shows how the XYZ color 51.0649, 41.6396, 23.7582 looks on a white background.

Color Contrast Check

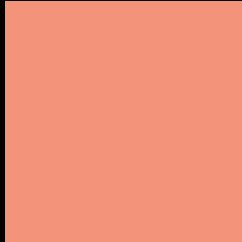
Large Text (above 18pt) WCAG AA × Fail

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 51.0649, 41.6396, 23.7582 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 51.0649, 41.6396, 23.7582

Background



This preview shows how black text looks on a background with the XYZ color 51.0649, 41.6396, 23.7582.



This preview shows how white text looks on a background with the XYZ color 51.0649, 41.6396,

23.7582.

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

51.0649, 41.6396, 23.7582

Protanopia

39.1848, 41.8949, 28.2116

Deuteranopia

42.6981, 41.8697, 23.2840



Tritanopia

53.4622, 41.6921, 35.8015

Trichromacy



Original Color

51.0649, 41.6396, 23.7582

Protanomaly

42.6915, 41.2577, 26.4823

Deuteranomaly

45.3035, 41.3680, 23.3664

Tritanomaly

52.3161, 41.4369, 30.8319

Monochromacy



Original Color

51.0649, 41.6396, 23.7582

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

42.3969, 40.8898, 36.2298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0649, 41.6396, 23.7582 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, 148, 122)` looks like.

```
.text, #text, p{  
    color:rgb(243, 148, 122)  
}
```

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, 148, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 148, 122) }
```

Border

The CSS property to change the border of an element to XYZ 51.0649, 41.6396, 23.7582 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, 148, 122) }
```


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

```
.border{ border-color:rgb(243, 148, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 148, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 148, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 148, 122); box-shadow:4px 4px 4px 4px rgb(243, 148, 122) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0649, 41.6396, 23.7582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 148, 122) }
```

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

```
.background{ background-color: rgb(243,  
148, 122) }
```

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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