

Converting Colors

XYZ(50.5454, 42.6864, 23.7937)

Have a look what the booklet for
XYZ(50.5454, 42.6864, 23.7937)
contains.

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Color

**XYZ(50.6034, 42.8424,
23.6915)**

Conversions

Conversions Part 1

Format	Color
Hex	EF9A79
RGB	239, 154, 121
RGB Percent	94%, 60%, 47%
CMY	0.0627, 0.3961, 0.5255
CMYK	0.00, 0.36, 0.49, 0.06
HSL	17°, 79%, 71%
HSV	17°, 49%, 94%
XYZ	50.6034, 42.8424, 23.6915
YIQ	175.6530, 61.2530, 7.7570

Conversions

Conversions Part 2

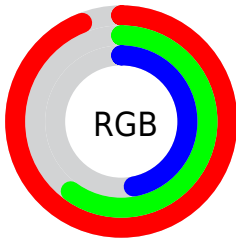
Format	Color
R _Y B	239, 167, 121
Decimal	15702649
CIE Lab	71.45, 28.31, 30.48
CIE LCh	71, 41.601, 47.109
Yxy	42.8424, 0.4320, 0.3657
Android (android.graphics.Color)	4293892729 (0xFFEF9A79)
YUV	175.6530, -26.9439, 55.5553
Hunter-Lab	65.4541, 23.4559, 24.3575

Details

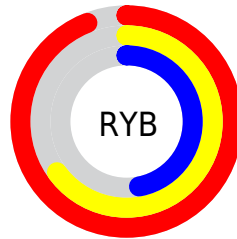
The XYZ color **50.6034, 42.8424, 23.6915** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.5353, 54.4371, 89.7685**, and the grayscale version is **41.2006, 43.3463, 47.2041**.

A 20% lighter version of the original color is **71.6804, 69.9169, 49.7617**, and **24.7435, 19.6739, 8.6242** is the 20% darker color. If you saturate the color by 10%, you get **46.6750, 37.0477, 16.0250**, and if you desaturate by 10%, it is **55.3045, 49.6015, 33.4074**.

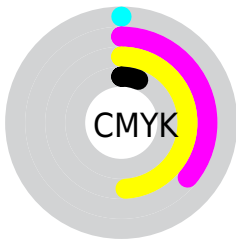
Distribution



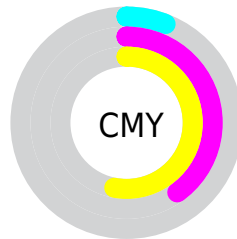
- Red (94%)
- Green (60%)
- Blue (47%)



- Red (94%)
- Yellow (65%)
- Blue (47%)



- Cyan (0%)
- Magenta (36%)
- Yellow (49%)
- Black (6%)





- Cyan (6%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6034, 42.8424, 23.6915 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 50.6034, 42.8424, 23.6915 by changing the saturation by 10% instead.


 50.6034, 42.8424,
23.6915


 50.6034, 42.8424,
23.6915


379.4340,
357.9632, 284.4932

 36.1128, 29.7615,
14.8949

 90.2547, 79.4730,
50.4638

 24.6919, 19.6576,
8.5998


 116.1462,
103.7914, 69.2765

 15.9751, 12.1464,
4.3879


 146.5687,
132.6245, 92.2651

 9.5973, 6.8435,
1.8404

181.8876,
166.3566, 119.8479

 5.1930, 3.3644,
0.4544

222.4682,
205.3722, 152.4436

 2.3969, 1.3248,
0.0000

268.6760,

 0.8435, 0.1603,

250.0555, 190.4707

0.0000

320.8761,
300.7911, 234.3477

■ 0.0000, 0.0000,
0.0000

■ 50.6034, 42.8424,
23.6915

■ 50.6034, 42.8424,
23.6915

■ 46.6750, 37.0477,
16.0250

■ 55.3045, 49.6015,
33.4074

■ 43.4715, 32.1657,
10.2558

■ 60.8159, 57.3610,
45.3049

■ 40.9443, 28.1490,
6.2145

■ 67.1763, 66.1626,
59.5077

■ 39.0364, 24.9427,
3.6996

■ 74.4211, 76.0437,
76.1296

■ 37.6677, 22.4800,
2.3969

■ 82.5833, 87.0398,
95.2768

■ 37.5948, 22.3472,
2.3320

■ 89.4065, 97.0907,
108.6359

Harmonies

Analogous

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



55.0135, 42.8424, 36.1855



50.6034, 42.8424, 23.6915



43.8030, 42.8424, 18.2241

Triad

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



50.6034, 42.8424, 23.6915



28.9408, 42.8424, 38.5529



44.8171, 42.8424, 94.1405

Complementary

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



50.6034, 42.8424, 23.6915



45.5353, 54.4371, 89.7685

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.



37.7859, 42.8424, 95.3200



50.6034, 42.8424, 23.6915



29.1458, 42.8424, 58.9549

Square

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



50.6034, 42.8424, 23.6915



31.6195, 42.8424, 24.9939



32.2160, 42.8424, 81.0426



51.4188, 42.8424, 78.1729

Rectangle

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



50.6034, 42.8424, 23.6915



39.0745, 42.8424, 17.8650



32.2160, 42.8424, 81.0426



42.4119, 42.8424, 96.4133

Sweetspot

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



50.6045, 42.8445, 23.6923



81.3239, 81.4408, 76.9087



53.7619, 36.5569, 63.5967



17.0349, 16.9234, 15.6124



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.



50.6045, 42.8445, 23.6923



54.1433, 43.0239, 18.6944



62.4582, 66.5520, 27.6436



16.1327, 16.4785, 16.4801



20.8708, 12.5398, 1.3204



1.8172, 1.2052, 0.1368

Inverse Universe

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



45.5353, 54.4371, 89.7685



47.5966, 57.7433, 103.2447



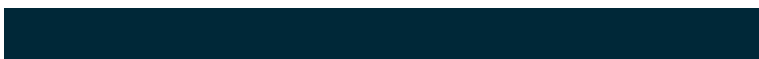
34.1392, 31.6449, 85.9698



15.8519, 17.1379, 20.1941



16.8945, 20.0132, 48.1004



1.4889, 1.8318, 4.0293

Previews

White Background



This preview shows how the XYZ color 50.6034, 42.8424, 23.6915 looks on a white background.

Color Contrast Check

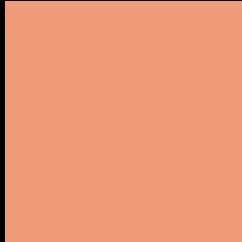
Large Text (above 18pt) WCAG AA × Fail

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 50.6034, 42.8424, 23.6915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

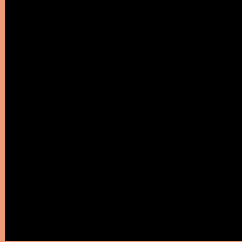
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6034, 42.8424, 23.6915

Background



This preview shows how black text looks on a background with the XYZ color 50.6034, 42.8424, 23.6915.



This preview shows how white text looks on a background with the XYZ color 50.6034, 42.8424,

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

50.6034, 42.8424, 23.6915

Protanopia

40.0983, 42.9630, 27.2984

Deuteranopia

43.8510, 43.0149, 23.1311



Tritanopia

53.7106, 42.9102, 38.7093

Trichromacy



Original Color

50.6034, 42.8424, 23.6915

Protanomaly

43.3816, 42.4351, 25.9830

Deuteranomaly

46.2458, 42.8984, 23.2956

Tritanomaly

52.5305, 42.9093, 32.7078

Monochromacy



Original Color

50.6034, 42.8424, 23.6915

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.5566, 42.5477, 37.3693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6034, 42.8424, 23.6915 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(239, 154, 121)` looks like.

```
.text, #text, p{  
    color:rgb(239, 154, 121)  
}
```

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(239, 154, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 154, 121) }
```

Border

The CSS property to change the border of an element to XYZ 50.6034, 42.8424, 23.6915 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(239, 154, 121) }
```


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

```
.border{ border-color:rgb(239, 154, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 154, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 154, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 154, 121);  
box-shadow:4px 4px 4px 4px rgb(239, 154,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6034, 42.8424, 23.6915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 154, 121) }
```

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

```
.background{ background-color: rgb(239,  
154, 121) }
```

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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