

Converting Colors

XYZ(47.9032, 38.6341, 24.0011)

Have a look what the booklet for
XYZ(47.9032, 38.6341, 24.0011)
contains.

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Color

**XYZ(47.9032, 38.6341,
24.0011)**

Conversions

Conversions Part 1

Format	Color
Hex	EC8E7C
RGB	236, 142, 124
RGB Percent	93%, 56%, 49%
CMY	0.0745, 0.4431, 0.5137
CMYK	0.00, 0.40, 0.47, 0.07
HSL	10°, 75%, 71%
HSV	10°, 47%, 93%
XYZ	47.9032, 38.6341, 24.0011
YIQ	168.0540, 61.8020, 14.3300

Conversions

Conversions Part 2

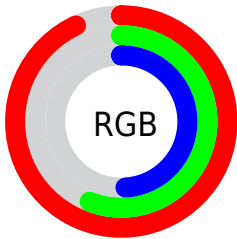
Format	Color
R _Y B	236, 145, 124
Decimal	15502972
CIE Lab	68.49, 33.74, 24.85
CIE LCh	68, 41.906, 36.369
Yxy	38.6341, 0.4334, 0.3495
Android (android.graphics.Color)	4293693052 (0xFFEC8E7C)
YUV	168.0540, -21.7186, 59.5886
Hunter-Lab	62.1563, 28.7944, 20.6151

Details

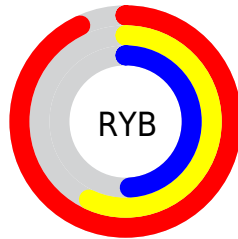
The XYZ color **47.9032, 38.6341, 24.0011** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **48.5226, 60.4813, 88.4734**, and the grayscale version is **37.3289, 39.2730, 42.7682**.

A 20% lighter version of the original color is **69.1421, 64.3668, 50.3748**, and **23.0576, 17.1674, 8.7550** is the 20% darker color. If you saturate the color by 10%, you get **43.8959, 32.7291, 16.1624**, and if you desaturate by 10%, it is **52.7931, 45.7330, 33.8966**.

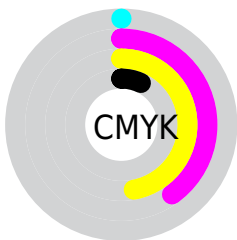
Distribution



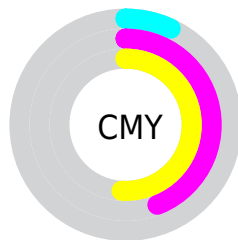
- Red (93%)
- Green (56%)
- Blue (49%)



- Red (93%)
- Yellow (57%)
- Blue (49%)



- Cyan (0%)
- Magenta (40%)
- Yellow (47%)
- Black (7%)





- Cyan (7%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9032, 38.6341, 24.0011 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 47.9032, 38.6341, 24.0011 by changing the saturation by 10% instead.


 47.9032, 38.6341,
24.0011

 47.9032, 38.6341,
24.0011


368.9973,
340.3323, 286.1128


 33.9612, 26.4752,
15.1222


 86.2708, 73.0790,
50.9758

 23.0265, 17.1795,
8.7576


 111.4271, 96.1338,
69.9088

 14.7339, 10.3625,
4.4888


 141.0522,
123.5894, 93.0302

 8.7179, 5.6400,
1.8971

175.5115,
155.8301, 120.7586

 4.6133, 2.6274,
0.4909

215.1703,
193.2403, 153.5125

 2.0546, 0.9405,
0.0000

260.3940,

 0.6644, 0.0000,

236.2045, 191.7105

0.0000

311.5478,
285.1071, 235.7711

■ 0.0000, 0.0000,
0.0000

■ 47.9032, 38.6341,
24.0011

■ 47.9032, 38.6341,
24.0011

■ 43.8959, 32.7291,
16.1624

■ 52.7931, 45.7330,
33.8966

■ 40.7148, 27.9464,
10.2327

■ 58.6118, 54.0806,
45.9781

■ 38.3012, 24.2155,
6.0478

■ 65.4056, 63.7354,
60.3668

■ 36.5868, 21.4555,
3.4148

■ 73.2168, 74.7504,
77.1745

■ 35.4879, 19.5721,
2.0797

■ 82.0853, 87.1758,
96.5055

■ 35.2832, 19.2153,
1.8493

■ 88.4020, 96.5729,
108.5889

Harmonies

Analogous

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



50.8150, 38.6341, 38.1656



47.9032, 38.6341, 24.0011



42.0400, 38.6341, 16.8010

Triad

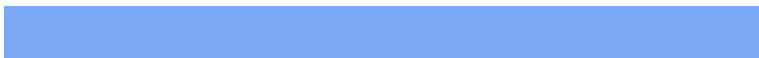
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.9032, 38.6341, 24.0011



26.2880, 38.6341, 29.1268



38.1449, 38.6341, 89.4469

Complementary

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



47.9032, 38.6341, 24.0011



48.5226, 60.4813, 88.4734

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.



31.8699, 38.6341, 84.8640



47.9032, 38.6341, 24.0011



25.5078, 38.6341, 46.2234

Square

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



47.9032, 38.6341, 24.0011



29.7046, 38.6341, 19.0813



27.4296, 38.6341, 67.4762



44.7624, 38.6341, 78.5947

Rectangle

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



47.9032, 38.6341, 24.0011



37.5292, 38.6341, 15.2404



27.4296, 38.6341, 67.4762



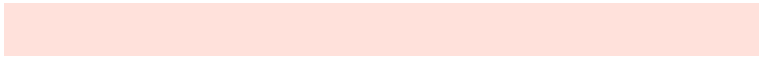
35.9236, 38.6341, 89.6971

Sweetspot

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



47.9042, 38.6360, 24.0018



81.0016, 80.2620, 78.4480



54.6124, 37.3735, 71.4914



16.9212, 16.5909, 15.8985



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.



47.9042, 38.6360, 24.0018



52.4253, 39.1579, 19.4473



58.1511, 59.1300, 27.4175



15.2610, 15.4451, 15.6956



19.5098, 10.7138, 1.0397



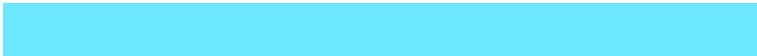
1.5907, 0.9588, 0.1012

Inverse Universe

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



48.5226, 60.4813, 88.4734



53.1903, 68.0194, 104.9334



36.5855, 36.6070, 84.4944



15.2995, 16.6855, 19.3365



19.5647, 25.7764, 47.6871



1.5915, 2.1344, 3.7630

Previews

White Background



This preview shows how the XYZ color 47.9032, 38.6341, 24.0011 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 47.9032, 38.6341, 24.0011 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 47.9032, 38.6341, 24.0011

Background



This preview shows how black text looks on a background with the XYZ color 47.9032, 38.6341, 24.0011.



This preview shows how white text looks on a background with the XYZ color 47.9032, 38.6341,

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

47.9032, 38.6341, 24.0011

Protanopia

36.5520, 38.8517, 28.4943

Deuteranopia

39.5752, 38.6642, 23.4663



Tritanopia

49.7732, 38.5240, 33.2463

Trichromacy



Original Color

47.9032, 38.6341, 24.0011

Protanomaly

39.8768, 38.2345, 26.7510

Deuteranomaly

42.0555, 38.1847, 23.5662

Tritanomaly

48.8913, 38.3632, 29.6389

Monochromacy



Original Color

47.9032, 38.6341, 24.0011

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

40.0580, 38.4007, 35.0066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9032, 38.6341, 24.0011 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(236, 142, 124)` looks like.

```
.text, #text, p{  
    color:rgb(236, 142, 124)  
}
```

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(236, 142, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 142, 124) }
```

Border

The CSS property to change the border of an element to XYZ 47.9032, 38.6341, 24.0011 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(236, 142, 124) }
```


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

```
.border{ border-color:rgb(236, 142, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 142, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 142, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 142, 124);  
box-shadow:4px 4px 4px 4px rgb(236, 142,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9032, 38.6341, 24.0011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 142, 124) }
```

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

```
.background{ background-color: rgb(236,  
142, 124) }
```

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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