

Converting Colors

XYZ(47.5014, 42.1875, 24.6543)

Have a look what the booklet for
XYZ(47.5014, 42.1875, 24.6543)
contains.

XYZ(47.5435, 42.2398, 24.7161)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.5435, 42.2398,
24.7161)**

Conversions

Conversions Part 1

Format	Color
Hex	E39E7C
RGB	227, 158, 124
RGB Percent	89%, 62%, 49%
CMY	0.1098, 0.3804, 0.5137
CMYK	0.00, 0.30, 0.45, 0.11
HSL	20°, 65%, 69%
HSV	20°, 45%, 89%
XYZ	47.5435, 42.2398, 24.7161
YIQ	174.7550, 52.0380, 4.0540

Conversions

Conversions Part 2

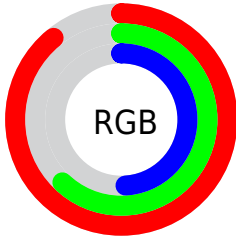
Format	Color
R_{YB}	227, 175, 124
Decimal	14917244
CIE _{Lab}	71.04, 21.75, 28.06
CIE _{LCh}	71, 35.502, 52.218
Yxy	42.2398, 0.4152, 0.3689
Android (android.graphics.Color)	4293107324 (0xFFE39E7C)
YUV	174.7550, -25.0222, 45.8189
Hunter-Lab	64.9922, 16.8413, 22.9469

Details

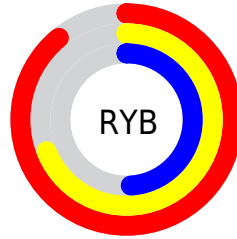
The XYZ color **47.5435, 42.2398, 24.7161** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.2465, 47.9692, 79.7580**, and the grayscale version is **40.7282, 42.8492, 46.6628**.

A 20% lighter version of the original color is **72.9701, 72.0228, 51.6508**, and **22.7862, 19.2511, 9.1715** is the 20% darker color. If you saturate the color by 10%, you get **43.8348, 36.8613, 17.1941**, and if you desaturate by 10%, it is **51.9057, 48.3964, 34.0868**.

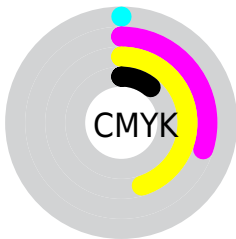
Distribution



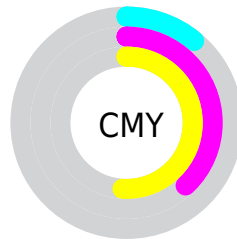
- Red (89%)
- Green (62%)
- Blue (49%)



- Red (89%)
- Yellow (69%)
- Blue (49%)



- Cyan (0%)
- Magenta (30%)
- Yellow (45%)
- Black (11%)





- Cyan (11%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5435, 42.2398, 24.7161 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 47.5435, 42.2398, 24.7161 by changing the saturation by 10% instead.


 47.5435, 42.2398,
24.7161


 47.5435, 42.2398,
24.7161


367.5926,
355.4760, 289.8234

 33.6753, 29.2891,
15.6486


 85.7381, 78.5624,
52.1547

 22.8059, 19.2996,
9.1242


 110.7953,
102.7031, 71.3628

 14.5702, 11.8870,
4.7243


 140.3127,
131.3427, 94.7882

 8.6026, 6.6668,
2.0306

174.6559,
164.8654, 122.8494

 4.5379, 3.2546,
0.5740

214.1901,
203.6557, 155.9650

 2.0107, 1.2660,
0.0000

259.2807,

 0.6400, 0.1147,

248.0980, 194.5535

0.0000

310.2931,
298.5766, 239.0335

■ 0.0000, 0.0000,
0.0000

■ 47.5435, 42.2398,
24.7161

■ 47.5435, 42.2398,
24.7161

■ 43.8348, 36.8613,
17.1941

■ 51.9057, 48.3964,
34.0868

■ 40.7417, 32.2223,
11.3935

■ 56.9502, 55.3555,
45.4171

■ 38.2271, 28.2897,
7.1745

■ 62.7076, 63.1479,
58.8119

■ 36.2475, 25.0251,
4.3736

■ 69.2056, 71.8007,
74.3677

■ 34.7516, 22.3851,
2.7908

■ 76.4706, 81.3399,
92.1752

■ 34.1907, 21.3553,
2.3199

■ 83.6785, 91.4508,
107.8492

■ 85.4885, 95.0709,
108.4525

Harmonies

Analogous

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



51.6508, 42.2398, 34.7201



47.5435, 42.2398, 24.7161



41.7109, 42.2398, 20.6385

Triad

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



47.5435, 42.2398, 24.7161



29.8804, 42.2398, 41.7119



44.6136, 42.2398, 83.3132

Complementary

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



47.5435, 42.2398, 24.7161



41.2465, 47.9692, 79.7580

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.



38.6240, 42.2398, 86.5079



47.5435, 42.2398, 24.7161



30.4933, 42.2398, 59.4723

Square

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



47.5435, 42.2398, 24.7161



31.7963, 42.2398, 28.7515



33.5616, 42.2398, 76.9159



49.8466, 42.2398, 69.0300

Rectangle

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



47.5435, 42.2398, 24.7161



37.7835, 42.2398, 20.8967



33.5616, 42.2398, 76.9159



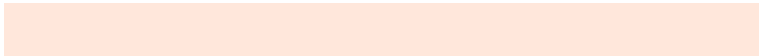
42.6084, 42.2398, 85.8412

Sweetspot

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



47.5446, 42.2419, 24.7169



82.6658, 83.5904, 79.0027



48.6671, 34.6589, 55.3900



17.3225, 17.3935, 16.0323



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.



47.5446, 42.2419, 24.7169



57.5233, 48.6610, 23.2829



57.9011, 62.9549, 28.1691



14.7637, 15.1413, 15.0489



20.0355, 12.6451, 1.3848



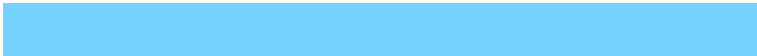
1.5632, 1.0997, 0.1299

Inverse Universe

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



41.2465, 47.9692, 79.7580



48.3595, 56.8887, 103.0395



31.9827, 29.4415, 76.6701



14.3855, 15.4924, 18.3765



14.7510, 16.5640, 44.8029



1.1742, 1.3924, 3.3388

Previews

White Background



This preview shows how the XYZ color 47.5435, 42.2398, 24.7161 looks on a white background.

Color Contrast Check

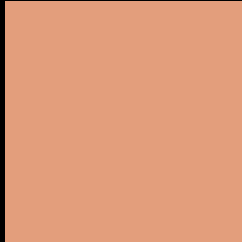
Large Text (above 18pt) WCAG AA × Fail

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 47.5435, 42.2398, 24.7161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

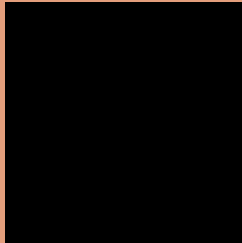
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5435, 42.2398, 24.7161

Background



This preview shows how black text looks on a background with the XYZ color 47.5435, 42.2398, 24.7161.



This preview shows how white text looks on a background with the XYZ color 47.5435, 42.2398,

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

47.5435, 42.2398, 24.7161

Protanopia

39.7263, 42.4756, 27.5775

Deuteranopia

43.3440, 42.4525, 24.3220



Tritanopia

51.0471, 42.4517, 40.6255

Trichromacy



Original Color

47.5435, 42.2398, 24.7161

Protanomaly

42.2560, 42.1203, 26.3250

Deuteranomaly

44.8749, 42.4281, 24.5632

Tritanomaly

49.7793, 42.4356, 34.0010

Monochromacy



Original Color

47.5435, 42.2398, 24.7161

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.4369, 42.2456, 37.3700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5435, 42.2398, 24.7161 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(227, 158, 124)` looks like.

```
.text, #text, p{  
    color:rgb(227, 158, 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(227, 158, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 158, 124) }
```

Border

The CSS property to change the border of an element to XYZ 47.5435, 42.2398, 24.7161 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(227, 158, 124) }
```


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

```
.border{ border-color:rgb(227, 158, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 158, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 158, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 158, 124);  
box-shadow:4px 4px 4px 4px rgb(227, 158,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5435, 42.2398, 24.7161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 158, 124) }
```

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

```
.background{ background-color: rgb(227,  
158, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor