

Converting Colors

XYZ(52.4837, 48.0092, 22.7461)

Have a look what the booklet for
XYZ(52.4837, 48.0092, 22.7461)
contains.

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Color

**XYZ(52.3943, 47.9918,
22.7215)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | EDAA73 |
| RGB | 237, 170, 115 |
| RGB Percent | 93%, 67%, 45% |
| CMY | 0.0706, 0.3333, 0.5490 |
| CMYK | 0.00, 0.28, 0.51, 0.07 |
| HSL | 27°, 77%, 69% |
| HSV | 27°, 51%, 93% |
| XYZ | 52.3943, 47.9918, 22.7215 |
| YIQ | 183.7630, 57.5870, -2.9010 |

Conversions

Conversions Part 2

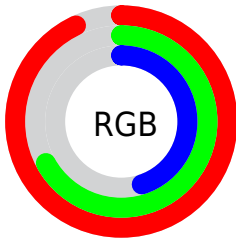
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 237, 215, 115 |
| Decimal | 15575667 |
| CIE Lab | 74.82, 18.51, 37.96 |
| CIE LCh | 75, 42.228, 64.009 |
| Yxy | 47.9918, 0.4256, 0.3898 |
| Android (android.graphics.Color) | 4293765747 (0xFFEDAA73) |
| YUV | 183.7630, -33.9002, 46.6888 |
| Hunter-Lab | 69.2761, 13.7683, 29.0471 |

Details

The XYZ color **52.3943, 47.9918, 22.7215** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.0834, 43.2132, 86.4016**, and the grayscale version is **45.5891, 47.9633, 52.2320**.

A 20% lighter version of the original color is **75.2331, 77.9376, 48.1240**, and **25.7927, 22.8035, 8.0431** is the 20% darker color. If you saturate the color by 10%, you get **48.8819, 42.8762, 15.6655**, and if you desaturate by 10%, it is **56.5011, 53.7354, 31.7060**.

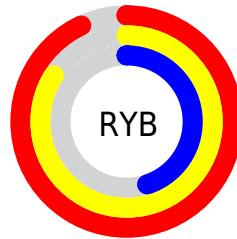
Distribution



Red (93%)

Green (67%)

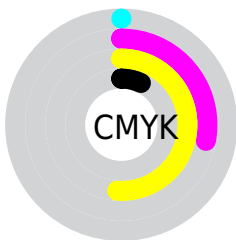
Blue (45%)



Red (93%)

Yellow (84%)

Blue (45%)

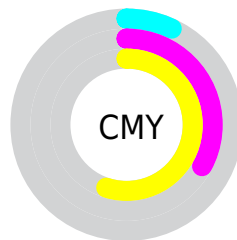


Cyan (0%)

Magenta (28%)

Yellow (51%)

Black (7%)



Cyan (7%)


Magenta (33%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3943, 47.9918, 22.7215 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 52.3943, 47.9918, 22.7215 by changing the saturation by 10% instead.


 52.3943, 47.9918,
22.7215


 52.3943, 47.9918,
22.7215


386.2559,
378.7596, 279.3667


 37.5450, 33.8204,
14.1846


 92.8833, 87.1922,
48.8530

 25.8053, 22.7557,
8.1090


 119.2537,
112.9900, 67.2847

 16.8100, 14.4132,
4.0760


 150.1951,
143.4320, 89.8518

 10.1936, 8.4086,
1.6671

186.0730,
178.9027, 116.9728

 5.5907, 4.3575,
0.3381

227.2527,
219.7864, 149.0663

 2.6361, 1.8755,
0.0000

274.0995,

 0.9644, 0.5336,

266.4675, 186.5507

0.0000

326.9788,
319.3304, 229.8447

■ 0.0000, 0.0000,
0.0000

■ 52.3943, 47.9918,
22.7215

■ 52.3943, 47.9918,
22.7215

■ 48.8819, 42.8762,
15.6655

■ 56.5011, 53.7354,
31.7060

■ 45.9260, 38.3567,
10.3883

■ 61.2302, 60.1232,
42.7477

■ 43.4890, 34.4082,
6.7225

■ 66.6114, 67.1793,
55.9671

■ 41.5254, 31.0004,
4.4663

■ 72.6714, 74.9244,
71.4749

■ 40.1675, 28.4896,
3.3820

■ 79.4356, 83.3781,
89.3739

■ 86.5710, 92.4166,
107.8831

■ 88.7349, 96.7445,
108.6045

Harmonies

Analogous

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



58.9782, 47.9918, 31.9961



52.3943, 47.9918, 22.7215



44.5904, 47.9918, 20.4101

Triad

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



52.3943, 47.9918, 22.7215



32.4170, 47.9918, 55.2669



54.3796, 47.9918, 95.7177

Complementary

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



52.3943, 47.9918, 22.7215



39.0834, 43.2132, 86.4016

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.



46.6547, 47.9918, 106.7904



52.3943, 47.9918, 22.7215



34.4397, 47.9918, 79.6474

Square

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



52.3943, 47.9918, 22.7215



33.5910, 47.9918, 35.8316



39.4468, 47.9918, 100.2115



60.2117, 47.9918, 73.0571

Rectangle

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



52.3943, 47.9918, 22.7215



39.8682, 47.9918, 22.3688



39.4468, 47.9918, 100.2115



51.8886, 47.9918, 101.1681

Sweetspot

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



52.3955, 47.9942, 22.7224



83.1535, 85.0999, 77.5185



49.5098, 33.6479, 48.1957



17.4728, 17.7993, 15.7583



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.



52.3955, 47.9942, 22.7224



57.4292, 50.1937, 17.9463



66.5674, 76.3380, 27.4464



15.6247, 16.1725, 15.8168



22.0572, 15.8086, 1.8888



1.8269, 1.4311, 0.1799

Inverse Universe

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



39.0834, 43.2132, 86.4016



40.0511, 43.9199, 100.9742



29.2062, 23.4588, 83.1092



14.9169, 15.9202, 19.2089



12.8474, 12.3419, 45.4481



1.1047, 1.1609, 3.6007

Previews

White Background



This preview shows how the XYZ color 52.3943, 47.9918, 22.7215 looks on a white background.

Color Contrast Check

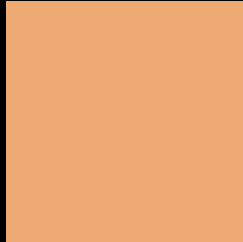
Large Text (above 18pt) WCAG AA × Fail

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 52.3943, 47.9918, 22.7215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

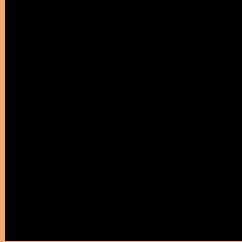
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3943, 47.9918, 22.7215

Background



This preview shows how black text looks on a background with the XYZ color 52.3943, 47.9918, 22.7215.



This preview shows how white text looks on a background with the XYZ color 52.3943, 47.9918,

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

52.3943, 47.9918, 22.7215

Protanopia

44.4111, 47.9408, 25.0019

Deuteranopia

48.9940, 47.9535, 22.5933



Tritanopia

57.2761, 47.8131, 46.7675

Trichromacy



Original Color

52.3943, 47.9918, 22.7215

Protanomaly

46.8904, 47.7182, 24.1919

Deuteranomaly

50.1682, 47.9810, 22.5367

Tritanomaly

55.1401, 47.7354, 36.4447

Monochromacy



Original Color

52.3943, 47.9918, 22.7215

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.0067, 47.4399, 39.4802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3943, 47.9918, 22.7215 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(237, 170, 115)` looks like.

```
.text, #text, p{  
    color:rgb(237, 170, 115)  
}
```

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(237, 170, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 170, 115) }
```

Border

The CSS property to change the border of an element to XYZ 52.3943, 47.9918, 22.7215 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(237, 170, 115) }
```


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

```
.border{ border-color:rgb(237, 170, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 170, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 170, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 170, 115);  
box-shadow:4px 4px 4px 4px rgb(237, 170,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3943, 47.9918, 22.7215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 170, 115) }
```

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

```
.background{ background-color: rgb(237,  
170, 115) }
```

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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