

Converting Colors

XYZ(50.4870, 44.8158, 24.6716)

Have a look what the booklet for
XYZ(50.4870, 44.8158, 24.6716)
contains.

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Color

**XYZ(50.4272, 44.7631,
24.7212)**

Conversions

Conversions Part 1

Format	Color
Hex	EAA27B
RGB	234, 162, 123
RGB Percent	92%, 64%, 48%
CMY	0.0824, 0.3647, 0.5176
CMYK	0.00, 0.31, 0.47, 0.08
HSL	21°, 73%, 70%
HSV	21°, 47%, 92%
XYZ	50.4272, 44.7631, 24.7212
YIQ	179.0820, 55.4310, 3.1350

Conversions

Conversions Part 2

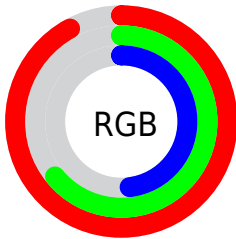
Format	Color
R _Y B	234, 183, 123
Decimal	15377019
CIE Lab	72.74, 22.29, 30.98
CIE LCh	73, 38.168, 54.263
Yxy	44.7631, 0.4205, 0.3733
Android (android.graphics.Color)	4293567099 (0xFFEAA27B)
YUV	179.0820, -27.6484, 48.1631
Hunter-Lab	66.9052, 17.4532, 24.9263

Details

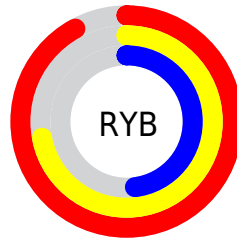
The XYZ color **50.4272, 44.7631, 24.7212** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.5339, 49.1797, 85.0927**, and the grayscale version is **43.0145, 45.2546, 49.2823**.

A 20% lighter version of the original color is **73.8893, 74.0203, 51.4673**, and **24.4912, 20.7602, 9.1949** is the 20% darker color. If you saturate the color by 10%, you get **46.6198, 39.2190, 17.0686**, and if you desaturate by 10%, it is **54.9097, 51.0970, 34.3268**.

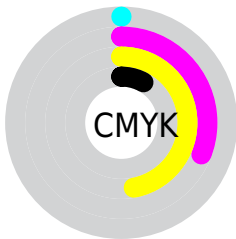
Distribution



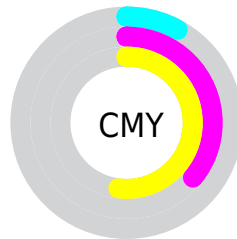
- Red (92%)
- Green (64%)
- Blue (48%)



- Red (92%)
- Yellow (72%)
- Blue (48%)



- Cyan (0%)
- Magenta (31%)
- Yellow (47%)
- Black (8%)




- Cyan (8%)
- Magenta (36%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4272, 44.7631, 24.7212 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 50.4272, 44.7631, 24.7212 by changing the saturation by 10% instead.


 50.4272, 44.7631,
24.7212


 50.4272, 44.7631,
24.7212


378.7586,
365.8133, 289.8497


 35.9721, 31.2709,
15.6523


 89.9956, 82.3648,
52.1631

 24.5827, 20.8052,
9.1268


 115.8396,
107.2431, 71.3731

 15.8935, 12.9817,
4.7260

 146.2106,
136.6855, 94.8007

 9.5392, 7.4159,
2.0315

181.4740,
171.0764, 122.8643

 5.1544, 3.7236,
0.5746

221.9952,
210.8002, 155.9825

 2.3738, 1.5202,
0.0000

268.1394,

 0.8320, 0.3029,

256.2414, 194.5737

0.0000

320.2721,
307.7843, 239.0566

■ 0.0000, 0.0000,
0.0000

■ 50.4272, 44.7631,
24.7212

■ 50.4272, 44.7631,
24.7212

■ 46.6198, 39.2190,
17.0686

■ 54.9097, 51.0970,
34.3268

■ 43.4473, 34.4252,
11.2291

■ 60.0975, 58.2450,
46.0067

■ 40.8699, 30.3480,
7.0479


■ 66.0232, 66.2384,
59.8755


■ 38.8410, 26.9482,
4.3430

■ 72.7159, 75.1048,
76.0383

■ 37.3019, 24.1802,
2.8736

■ 80.2033, 84.8703,
94.5936

 36.9661, 23.5613,
2.5995

 87.1290, 95.0071,
108.3538

 87.7417, 96.2324,
108.5580

Harmonies

Analogous

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



55.2463, 44.7631, 35.2338



50.4272, 44.7631, 24.7212



43.8319, 44.7631, 20.7082

Triad

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



50.4272, 44.7631, 24.7212



31.0894, 44.7631, 45.1833



47.9976, 44.7631, 90.1321

Complementary

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



50.4272, 44.7631, 24.7212



42.5339, 49.1797, 85.0927

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.



41.2855, 44.7631, 94.7895



50.4272, 44.7631, 24.7212



31.9584, 44.7631, 65.3185

Square

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



50.4272, 44.7631, 24.7212



33.0221, 44.7631, 30.3877



35.5319, 44.7631, 84.7495



53.7448, 44.7631, 73.2999

Rectangle

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



50.4272, 44.7631, 24.7212



39.4844, 44.7631, 21.2450



35.5319, 44.7631, 84.7495



45.7619, 44.7631, 93.3297

Sweetspot

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



50.4283, 44.7653, 24.7221



82.8787, 84.0162, 79.0737



50.8822, 35.6056, 55.9098



17.3740, 17.4965, 16.0495



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.



50.4283, 44.7653, 24.7221



56.7324, 47.7721, 20.8830



62.4101, 68.7290, 28.7160



15.4984, 15.9199, 15.7747



20.8798, 13.4539, 1.4964



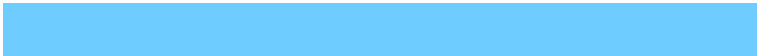
1.7271, 1.2315, 0.1467

Inverse Universe

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



42.5339, 49.1797, 85.0927



46.0118, 53.6624, 102.5405



32.3471, 28.8060, 81.6971



15.0465, 16.1794, 19.2521



14.7571, 16.1612, 46.0846



1.2485, 1.4485, 3.6487

Previews

White Background



This preview shows how the XYZ color 50.4272, 44.7631, 24.7212 looks on a white background.

Color Contrast Check

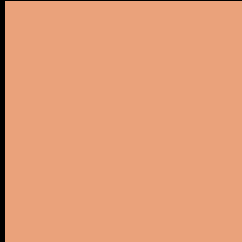
Large Text (above 18pt) WCAG AA × Fail

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 50.4272, 44.7631, 24.7212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

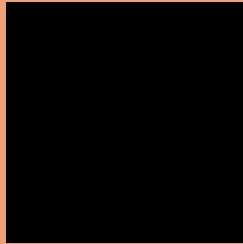
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4272, 44.7631, 24.7212

Background



This preview shows how black text looks on a background with the XYZ color 50.4272, 44.7631, 24.7212.



This preview shows how white text looks on a background with the XYZ color 50.4272, 44.7631,

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

50.4272, 44.7631, 24.7212

Protanopia

41.8876, 45.0584, 27.6085

Deuteranopia

45.7457, 44.8024, 24.3258



Tritanopia

54.2162, 44.7812, 42.8319

Trichromacy



Original Color

50.4272, 44.7631, 24.7212

Protanomaly

44.5065, 44.6848, 26.3580

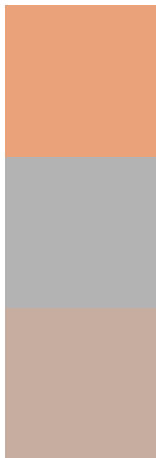
Deuteranomaly

47.3343, 44.7826, 24.5615

Tritanomaly

52.8194, 44.7252, 35.5547

Monochromacy



Original Color

50.4272, 44.7631, 24.7212

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.7548, 44.5325, 39.0377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4272, 44.7631, 24.7212 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(234, 162, 123)` looks like.

```
.text, #text, p{  
    color:rgb(234, 162, 123)  
}
```

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(234, 162, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 162, 123) }
```

Border

The CSS property to change the border of an element to XYZ 50.4272, 44.7631, 24.7212 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(234, 162, 123) }
```


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

```
.border{ border-color:rgb(234, 162, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 162, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 162, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 162, 123);  
box-shadow:4px 4px 4px 4px rgb(234, 162,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4272, 44.7631, 24.7212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 162, 123) }
```

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

```
.background{ background-color: rgb(234,  
162, 123) }
```

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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