

Converting Colors

XYZ(53.5994, 49.6958, 24.6672)

Have a look what the booklet for
XYZ(53.5994, 49.6958, 24.6672)
contains.

XYZ(53.4513, 49.6327, 24.5322)	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(53.4513, 49.6327,
24.5322)**

Conversions

Conversions Part 1

Format	Color
Hex	EDAE78
RGB	237, 174, 120
RGB Percent	93%, 68%, 47%
CMY	0.0706, 0.3176, 0.5294
CMYK	0.00, 0.27, 0.49, 0.07
HSL	28°, 76%, 70%
HSV	28°, 49%, 93%
XYZ	53.4513, 49.6327, 24.5322
YIQ	186.6810, 54.8820, -3.4380

Conversions

Conversions Part 2

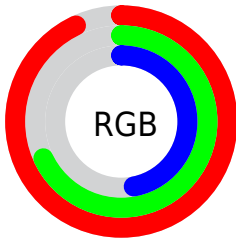
Format	Color
R _Y B	237, 220, 120
Decimal	15576696
CIE Lab	75.84, 16.83, 36.65
CIE LCh	76, 40.331, 65.333
Yxy	49.6327, 0.4188, 0.3889
Android (android.graphics.Color)	4293766776 (0xFFEDA78)
YUV	186.6810, -32.8737, 44.1298
Hunter-Lab	70.4505, 12.1409, 28.6694

Details

The XYZ color **53.4513, 49.6327, 24.5322** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.9646, 43.9727, 86.5018**, and the grayscale version is **47.2131, 49.6718, 54.0926**.

A 20% lighter version of the original color is **77.0796, 80.8708, 51.0822**, and **26.4251, 23.8262, 9.0005** is the 20% darker color. If you saturate the color by 10%, you get **49.8381, 44.4303, 17.0885**, and if you desaturate by 10%, it is **57.6571, 55.4507, 33.9304**.

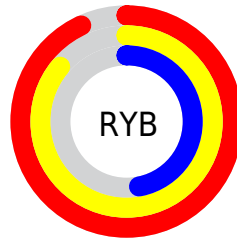
Distribution



Red (93%)

Green (68%)

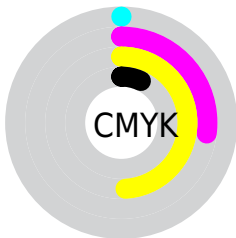
Blue (47%)



Red (93%)

Yellow (86%)

Blue (47%)

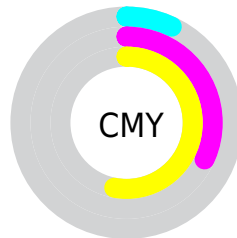


Cyan (0%)

Magenta (27%)

Yellow (49%)

Black (7%)



Cyan (7%)


Magenta (32%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4513, 49.6327, 24.5322 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 53.4513, 49.6327, 24.5322 by changing the saturation by 10% instead.

 53.4513, 49.6327,
24.5322


 53.4513, 49.6327,
24.5322


390.2468,
385.2278, 288.8729


 38.3921, 35.1216,
15.5130


 94.4297, 89.6304,
51.8520

 26.4657, 23.7566,
9.0296


 121.0797,
115.8859, 70.9896

 17.3069, 15.1532,
4.6634


 152.3239,
146.8249, 94.3372

 10.5502, 8.9269,
1.9959

188.5278,
182.8320, 122.3133

 5.8303, 4.6936,
0.5528

230.0566,
224.2914, 155.3363

 2.7818, 2.0686,
0.0000

277.2759,

 1.0395, 0.6469,

271.5876, 193.8249

0.0000

330.5508,
325.1049, 238.1976

■ 0.0000, 0.0000,
0.0000

■ 53.4513, 49.6327,
24.5322

■ 53.4513, 49.6327,
24.5322

■ 49.8381, 44.4303,
17.0885

■ 57.6571, 55.4507,
33.9304

■ 46.7806, 39.8127,
11.4534

■ 62.4822, 61.8992,
45.4089

■ 44.2428, 35.7563,
7.4647


■ 67.9556, 69.0014,
59.0859


■ 42.1812, 32.2327,
4.9295


■ 74.1035, 76.7770,
75.0703

■ 40.5312, 29.2037,
3.5438

■ 80.9502, 85.2447,
93.4633

 40.4359, 29.0263,
3.4714

 87.3376, 93.9498,
108.1387

 88.7350, 96.7445,
108.6045

Harmonies

Analogous

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



59.9416, 49.6327, 33.5059



53.4513, 49.6327, 24.5322



45.8470, 49.6327, 22.4726

Triad

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



53.4513, 49.6327, 24.5322



34.2256, 49.6327, 57.9708



56.0137, 49.6327, 95.2128

Complementary

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



53.4513, 49.6327, 24.5322



39.9646, 43.9727, 86.5018

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.



48.5271, 49.6327, 106.4631



53.4513, 49.6327, 24.5322



36.3624, 49.6327, 81.6123

Square

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



53.4513, 49.6327, 24.5322



35.2475, 49.6327, 38.5751



41.4092, 49.6327, 100.9214



61.5274, 49.6327, 73.1718

Rectangle

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



53.4513, 49.6327, 24.5322



41.2703, 49.6327, 24.6521



41.4092, 49.6327, 100.9214



53.6164, 49.6327, 100.6144

Sweetspot

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



53.4525, 49.6351, 24.5332



83.2703, 85.3336, 77.5575



50.3302, 34.9133, 49.6266



17.5009, 17.8554, 15.7677



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.



53.4525, 49.6351, 24.5332



58.9019, 52.5410, 20.2806



66.9331, 76.5964, 29.0267



15.6384, 16.1999, 15.8214



22.2048, 16.1039, 1.9380



1.8389, 1.4551, 0.1839

Inverse Universe

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



39.9646, 43.9727, 86.5018



41.2882, 45.1265, 101.1419



30.4739, 24.9914, 83.3383



14.9030, 15.8924, 19.2043



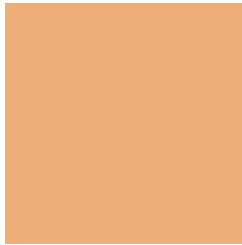
12.6648, 11.9766, 45.3872



1.0906, 1.1327, 3.5960

Previews

White Background



This preview shows how the XYZ color 53.4513, 49.6327, 24.5322 looks on a white background.

Color Contrast Check

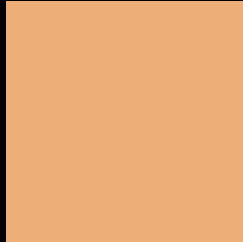
Large Text (above 18pt) WCAG AA × Fail

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 53.4513, 49.6327, 24.5322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

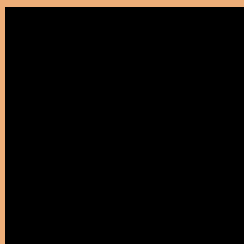
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4513, 49.6327, 24.5322

Background



This preview shows how black text looks on a background with the XYZ color 53.4513, 49.6327, 24.5322.



This preview shows how white text looks on a background with the XYZ color 53.4513, 49.6327,

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

53.4513, 49.6327, 24.5322

Protanopia

46.1006, 49.7178, 26.5688

Deuteranopia

50.8139, 49.7409, 24.3755



Tritanopia

58.3909, 49.4044, 49.1063

Trichromacy



Original Color

53.4513, 49.6327, 24.5322

Protanomaly

48.3274, 49.3330, 25.7140

Deuteranomaly

51.6850, 49.5992, 24.3023

Tritanomaly

56.2947, 49.3698, 38.9100

Monochromacy



Original Color

53.4513, 49.6327, 24.5322

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.5156, 49.0794, 41.5665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4513, 49.6327, 24.5322 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, 174, 120)` looks like.

```
.text, #text, p{  
    color:rgb(237, 174, 120)  
}
```

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, 174, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 174, 120) }
```

Border

The CSS property to change the border of an element to XYZ 53.4513, 49.6327, 24.5322 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, 174, 120) }
```


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

```
.border{ border-color:rgb(237, 174, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 174, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 174, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 174, 120);  
box-shadow:4px 4px 4px 4px rgb(237, 174,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4513, 49.6327, 24.5322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 174, 120) }
```

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

```
.background{ background-color: rgb(237,  
174, 120) }
```

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