

# Converting Colors

XYZ(53.9240, 52.3786, 42.4854)

Have a look what the booklet for  
XYZ(53.9240, 52.3786, 42.4854)  
contains.

<b>XYZ(53.9655, 52.4909, 42.4094)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(53.9655, 52.4909,  
42.4094)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEB8A4
RGB	222, 184, 164
RGB Percent	87%, 72%, 64%
CMY	0.1294, 0.2784, 0.3569
CMYK	0.00, 0.17, 0.26, 0.13
HSL	21°, 47%, 76%
HSV	21°, 26%, 87%
XYZ	53.9655, 52.4909, 42.4094
YIQ	193.0820, 29.0680, 1.8360

# Conversions

## Conversions Part 2

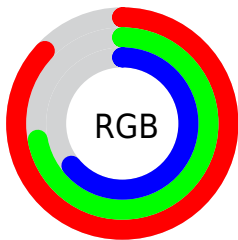
Format	Color
<b>R<sub>YB</sub></b>	222, 195, 164
Decimal	14596260
CIE Lab	77.57, 10.69, 15.27
CIE LCh	78, 18.645, 55.003
Yxy	52.4909, 0.3625, 0.3526
Android (android.graphics.Color)	4292786340 (0xFFDEB8A4)
YUV	193.0820, -14.3374, 25.3611
Hunter-Lab	72.4506, 6.1688, 16.0097

# Details

The XYZ color **53.9655, 52.4909, 42.4094** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **49.6146, 55.4058, 77.1868**, and the grayscale version is **50.8076, 53.4535, 58.2109**.

A 20% lighter version of the original color is **85.1863, 88.6946, 79.6478**, and **26.7668, 25.5094, 18.8423** is the 20% darker color. If you saturate the color by 10%, you get **49.2660, 46.0250, 31.8002**, and if you desaturate by 10%, it is **59.3284, 59.7228, 54.9674**.

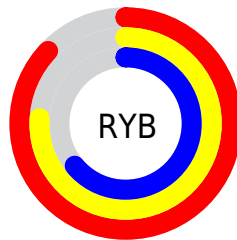
# Distribution



Red (87%)

Green (72%)

Blue (64%)



Red (87%)

Yellow (76%)

Blue (64%)

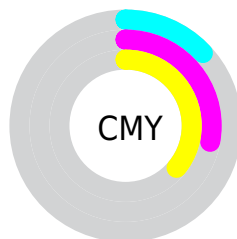


Cyan (0%)

Magenta (17%)

Yellow (26%)

Black (13%)



Cyan (13%)

Magenta (28%)


Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9655, 52.4909, 42.4094 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 53.9655, 52.4909, 42.4094 by changing the saturation by 10% instead.





 53.9655, 52.4909,  
42.4094


 53.9655, 52.4909,  
42.4094


392.1789,  
396.3288, 372.0269

 38.8046, 37.3965,  
29.0940

 95.1808, 93.8548,  
80.0956

 26.7878, 25.5146,  
18.9058

 121.9659,  
120.8931, 105.3036

 17.5497, 16.4609,  
11.4261


153.3565,  
152.6815, 135.3128

 10.7249, 9.8509,  
6.2364

189.7179,  
189.6044, 170.5418

 5.9481, 5.3002,  
2.9183

231.4155,  
232.0462, 211.4092

 2.8539, 2.4245,  
1.0531

278.8147,

 1.0770, 0.8384,

280.3913, 258.3335

0.0000

332.2807,  
335.0240, 311.7332

■ 0.0057, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 53.9655, 52.4909,  
42.4094

■ 53.9655, 52.4909,  
42.4094

■ 49.2660, 46.0250,  
31.8002

■ 59.3284, 59.7228,  
54.9674

■ 45.1982, 40.2919,  
23.0376

■ 65.3763, 67.7382,  
69.5629

■ 41.7339, 35.2665,  
16.0151

■ 72.1349, 76.5628,  
86.2827

■ 38.8407, 30.9195,  
10.6137

■ 79.6274, 86.2191,  
105.2079

■ 36.4831, 27.2190,  
6.6992

■ 83.9343, 94.2696,  
108.3798

■ 34.6203, 24.1302,  
4.1155

■ 33.2041, 21.6139,  
2.6688

■ 32.7481, 20.7773,  
2.2844

# Harmonies

## Analogous

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



56.4280, 52.4909, 49.1808



53.9655, 52.4909, 42.4094



50.4962, 52.4909, 39.5989

# Triad

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



53.9655, 52.4909, 42.4094



43.3108, 52.4909, 55.4449



52.8729, 52.4909, 77.0590

# Complementary

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



53.9655, 52.4909, 42.4094



49.6146, 55.4058, 77.1868

# 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.



49.2907, 52.4909, 79.2539



53.9655, 52.4909, 42.4094



43.8794, 52.4909, 65.9447

# Square

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



53.9655, 52.4909, 42.4094



44.4350, 52.4909, 46.5253



46.0270, 52.4909, 74.9715



55.7763, 52.4909, 69.2886



# Rectangle

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



53.9655, 52.4909, 42.4094



48.1213, 52.4909, 40.0706



46.0270, 52.4909, 74.9715



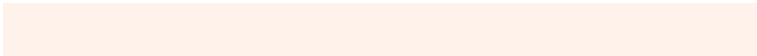
51.7036, 52.4909, 78.5100

# Sweetspot

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



53.9669, 52.4933, 42.4105



87.8216, 90.5229, 91.1386



54.1399, 46.3770, 62.3904



18.5216, 19.0114, 18.8377



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.



53.9669, 52.4933, 42.4105



70.4782, 67.2060, 50.3058



60.4523, 65.4640, 44.5723



14.0918, 14.4697, 14.3570



19.5452, 12.5284, 1.3881



1.4362, 1.0314, 0.1234

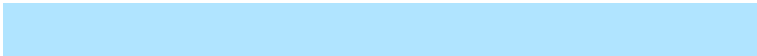


# Inverse Universe

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



49.6146, 55.4058, 77.1868



63.6138, 71.7855, 105.1109



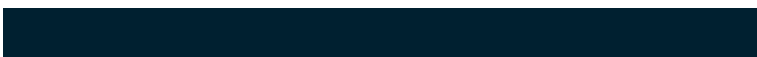
43.5669, 43.3105, 75.1710



13.6978, 14.7348, 17.5098



13.9924, 15.4543, 43.2939



1.0524, 1.2362, 3.0284



# Previews

## White Background



This preview shows how the XYZ color 53.9655, 52.4909, 42.4094 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 53.9655, 52.4909, 42.4094 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

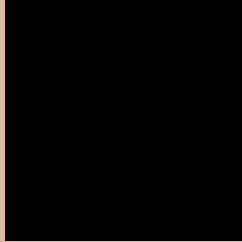
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 53.9655, 52.4909, 42.4094

## Background



This preview shows how black text looks on a background with the XYZ color 53.9655, 52.4909, 42.4094.



This preview shows how white text looks on a background with the XYZ color 53.9655, 52.4909,

42.4094.

# 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

53.9655, 52.4909, 42.4094

### Protanopia

49.7861, 52.5063, 44.5565

### Deuteranopia

53.5650, 52.5939, 42.4504



## Tritanopia

57.1102, 52.5451, 58.1711

# Trichromacy



## Original Color

53.9655, 52.4909, 42.4094

## Protanomaly

51.2528, 52.3118, 43.9551

## Deuteranomaly

53.8686, 52.7504, 42.4646

## Tritanomaly

55.8116, 52.3139, 51.9558

# Monochromacy



## Original Color

53.9655, 52.4909, 42.4094

## Achromatopsia

50.6879, 53.3276, 58.0738

## Achromatomaly

51.7588, 53.0417, 51.7661

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.9655, 52.4909, 42.4094 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(222, 184, 164)` looks like.

```
.text, #text, p{  
    color:rgb(222, 184, 164)  
}
```

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(222, 184, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 184, 164) }
```

## Border

The CSS property to change the border of an element to XYZ 53.9655, 52.4909, 42.4094 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(222, 184, 164) }
```



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

```
.border{ border-color:rgb(222, 184, 164) }
```

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

Here you see how a box with a 4 pixel rgb(222, 184, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 184, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 184, 164);  
box-shadow:4px 4px 4px 4px rgb(222, 184,  
164) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.9655, 52.4909, 42.4094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 184, 164) }
```

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

```
.background{ background-color: rgb(222,  
184, 164) }
```

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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