

# Converting Colors

XYZ(53.7672, 53.3709, 26.2067)

Have a look what the booklet for  
XYZ(53.7672, 53.3709, 26.2067)  
contains.

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# **Color**

**XYZ(53.7672, 53.3709,  
26.2067)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6BA7B
RGB	230, 186, 123
RGB Percent	90%, 73%, 48%
CMY	0.0980, 0.2706, 0.5176
CMYK	0.00, 0.19, 0.47, 0.10
HSL	35°, 68%, 69%
HSV	35°, 47%, 90%
XYZ	53.7672, 53.3709, 26.2067
YIQ	191.9740, 46.4470, -10.2650

# Conversions

## Conversions Part 2

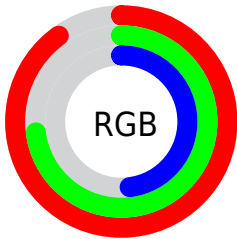
Format	Color
R <sub>Y</sub> B	198, 230, 123
Decimal	15121019
CIE Lab	78.09, 7.94, 37.82
CIE LCh	78, 38.648, 78.138
Yxy	53.3709, 0.4032, 0.4002
Android (android.graphics.Color)	4293311099 (0xFFE6BA7B)
YUV	191.9740, -34.0042, 33.3488
Hunter-Lab	73.0554, 3.5252, 29.8700

# Details

The XYZ color **53.7672, 53.3709, 26.2067** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.2695, 37.5601, 80.2009**, and the grayscale version is **50.2622, 52.8798, 57.5861**.

A 20% lighter version of the original color is **80.8286, 87.8989, 53.7803**, and **26.6034, 26.0268, 9.9248** is the 20% darker color. If you saturate the color by 10%, you get **50.5667, 49.0096, 18.8518**, and if you desaturate by 10%, it is **57.4405, 58.1363, 35.3890**.

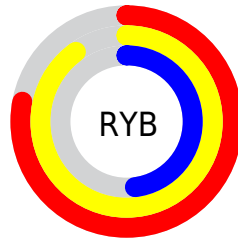
# Distribution



Red (90%)

Green (73%)

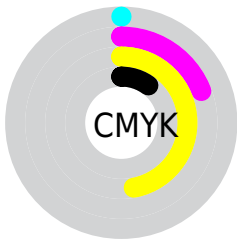
Blue (48%)



Red (78%)

Yellow (90%)

Blue (48%)

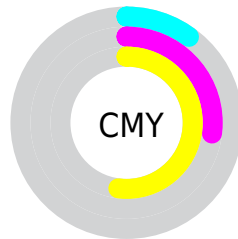


Cyan (0%)

Magenta (19%)

Yellow (47%)

Black (10%)



Cyan (10%)

Magenta (27%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7672, 53.3709, 26.2067 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 53.7672, 53.3709, 26.2067 by changing the saturation by 10% instead.



■ 53.7672, 53.3709,  
26.2067

■ 53.7672, 53.3709,  
26.2067

391.4345,  
399.7065, 297.4330

■ 38.6455, 38.0989,  
16.7512

■ 94.8912, 95.1499,  
54.5964

■ 26.6635, 26.0595,  
9.8972

■ 121.6243,  
122.4258, 74.3676

■ 17.4560, 16.8681,  
5.2261

■ 152.9585,  
154.4717, 98.4146

■ 10.6574, 10.1405,  
2.3195

189.2593,  
191.6721, 127.1557

■ 5.9026, 5.4922,  
0.7421

230.8919,  
234.4114, 161.0095

■ 2.8260, 2.5389,  
0.0000

278.2217,

■ 1.0624, 0.8960,

283.0740, 200.3947

0.0000

331.6141,  
338.0442, 245.7297

■ 0.0000, 0.0000,  
0.0000

■ 53.7672, 53.3709,  
26.2067

■ 53.7672, 53.3709,  
26.2067

■ 50.5667, 49.0096,  
18.8518

■ 57.4405, 58.1363,  
35.3890

■ 47.8083, 45.0302,  
13.1935

■ 61.6068, 63.3118,  
46.5105

■ 45.4638, 41.4190,  
9.0888


■ 66.2896, 68.9127,  
59.6780

■ 43.4984, 38.1579,  
6.3691

■ 71.5099, 74.9510,  
74.9893


■ 41.8693, 35.2254,  
4.8222

■ 77.2870, 81.4382,  
92.5361

 41.3574, 34.2717,  
4.4353

 82.6579, 87.9926,  
107.2355

 85.5574, 93.7916,  
108.2020

 86.4430, 95.5629,  
108.4972

# Harmonies

## Analogous

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



61.0335, 53.3709, 32.3444



53.7672, 53.3709, 26.2067



46.3457, 53.3709, 26.9048

# Triad

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



53.7672, 53.3709, 26.2067



38.1567, 53.3709, 72.0231



62.3121, 53.3709, 90.4675

# Complementary

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



53.7672, 53.3709, 26.2067



36.2695, 37.5601, 80.2009

# 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.



55.3770, 53.3709, 107.1892



53.7672, 53.3709, 26.2067



41.6522, 53.3709, 94.8547

# Square

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



53.7672, 53.3709, 26.2067



37.8178, 53.3709, 49.9858



47.8045, 53.3709, 108.9688



66.2840, 53.3709, 67.0741



# Rectangle

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



53.7672, 53.3709, 26.2067



42.2886, 53.3709, 31.1844



47.8045, 53.3709, 108.9688



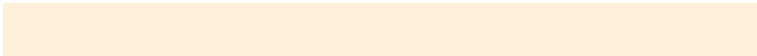
60.2203, 53.3709, 97.2807

# Sweetspot

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



53.7685, 53.3734, 26.2078



85.3205, 88.8999, 79.8876



46.7455, 33.8011, 40.9036



17.9674, 18.6833, 16.2473



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.



53.7685, 53.3734, 26.2078



63.9802, 62.0432, 23.9911



61.7162, 73.4088, 29.6561



15.0788, 15.7715, 15.1539



23.5375, 19.6492, 2.5521



1.8303, 1.6339, 0.2189



# Inverse Universe

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



36.2695, 37.5601, 80.2009



39.3043, 39.7713, 100.2128



30.8691, 24.7786, 78.0185



14.0671, 14.8556, 18.2703



10.4946, 8.0514, 43.3841



0.8651, 0.7742, 3.2358



# Previews

## White Background



This preview shows how the XYZ color 53.7672, 53.3709, 26.2067 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 53.7672, 53.3709, 26.2067 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 53.7672, 53.3709, 26.2067**

## **Background**



This preview shows how black text looks on a background with the XYZ color 53.7672, 53.3709, 26.2067.



This preview shows how white text looks on a background with the XYZ color 53.7672, 53.3709,



# 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

53.7672, 53.3709, 26.2067

### Protanopia

49.4142, 53.3479, 27.4314

### Deuteranopia

54.5284, 53.4516, 26.1821



## Tritanopia

59.7182, 53.0387, 56.3802

# Trichromacy



## Original Color

53.7672, 53.3709, 26.2067

## Protanomaly

50.7304, 53.0593, 26.9697

## Deuteranomaly

54.2028, 53.2838, 26.1669

## Tritanomaly

57.1359, 52.8881, 43.2734

# Monochromacy



## Original Color

53.7672, 53.3709, 26.2067

## Achromatopsia

50.1023, 52.7115, 57.4028

## Achromatomaly

50.8421, 52.7387, 44.0591

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.7672, 53.3709, 26.2067 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(230, 186, 123)` looks like.

```
.text, #text, p{  
    color:rgb(230, 186, 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(230, 186, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 186, 123) }
```

## Border

The CSS property to change the border of an element to XYZ 53.7672, 53.3709, 26.2067 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(230, 186, 123) }
```



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

```
.border{ border-color:rgb(230, 186, 123) }
```

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

Here you see how a box with a 4 pixel rgb(230, 186, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 186, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 186, 123);  
box-shadow:4px 4px 4px 4px rgb(230, 186,  
123) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.7672, 53.3709, 26.2067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 186, 123) }
```

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

```
.background{ background-color: rgb(230,  
186, 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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