

# Converting Colors

XYZ(54.7556, 54.2029, 26.3060)

Have a look what the booklet for  
XYZ(54.7556, 54.2029, 26.3060)  
contains.

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# Color

**XYZ(54.6242, 54.1265,  
26.3073)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8BB7B
RGB	232, 187, 123
RGB Percent	91%, 73%, 48%
CMY	0.0902, 0.2666, 0.5176
CMYK	0.00, 0.19, 0.47, 0.09
HSL	35°, 70%, 70%
HSV	35°, 47%, 91%
XYZ	54.6242, 54.1265, 26.3073
YIQ	193.1590, 47.3640, -10.3640

# Conversions

## Conversions Part 2

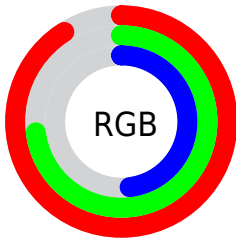
Format	Color
R <sub>Y</sub> B	200, 232, 123
Decimal	15252347
CIE Lab	78.54, 8.22, 38.43
CIE LCh	79, 39.296, 77.918
Yxy	54.1265, 0.4044, 0.4008
Android (android.graphics.Color)	4293442427 (0xFFE8BB7B)
YUV	193.1590, -34.5884, 34.0636
Hunter-Lab	73.5707, 3.7825, 30.2987

# Details

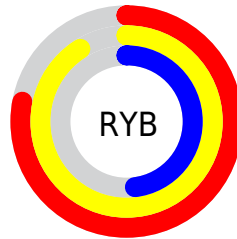
The XYZ color **54.6242, 54.1265, 26.3073** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.7360, 38.0410, 81.7503**, and the grayscale version is **50.9608, 53.6148, 58.3865**.

A 20% lighter version of the original color is **81.1271, 88.4958, 53.8798**, and **27.1833, 26.5299, 9.9914** is the 20% darker color. If you saturate the color by 10%, you get **51.3764, 49.6861, 18.8889**, and if you desaturate by 10%, it is **58.3543, 58.9807, 35.5853**.

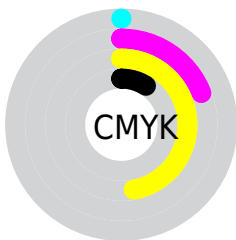
# Distribution



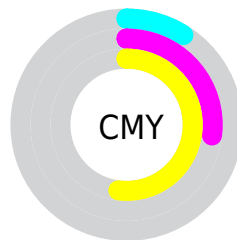
- Red (91%)
- Green (73%)
- Blue (48%)



- Red (78%)
- Yellow (91%)
- Blue (48%)



- Cyan (0%)
- Magenta (19%)
- Yellow (47%)
- Black (9%)




- Cyan (9%)
- Magenta (27%)
- Yellow (52%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6242, 54.1265, 26.3073 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 54.6242, 54.1265, 26.3073 by changing the saturation by 10% instead.




 54.6242, 54.1265,  
26.3073

 54.6242, 54.1265,  
26.3073


394.6454,  
402.5922, 297.9407

 39.3336, 38.7028,  
16.8259


 96.1417, 96.2600,  
54.7604

 27.2012, 26.5286,  
9.9498


 123.0992,  
123.7385, 74.5692

 17.8618, 17.2195,  
5.2605

 154.6765,  
156.0041, 98.6575

 10.9499, 10.3911,  
2.3395

191.2388,  
193.4412, 127.4439

 6.1002, 5.6590,  
0.7532

233.1514,  
236.4342, 161.3468

 2.9473, 2.6389,  
0.0000

280.7799,

 1.1260, 0.9463,

285.3674, 200.7849

0.0000

334.4894,  
340.6253, 246.1767

■ 0.0467, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.6242, 54.1265,  
26.3073

■ 54.6242, 54.1265,  
26.3073

■ 51.3764, 49.6861,  
18.8889

■ 58.3543, 58.9807,  
35.5853

■ 48.5796, 45.6368,  
13.1961


■ 62.5877, 64.2550,  
46.8379


■ 46.2045, 41.9643,  
9.0815


■ 67.3483, 69.9651,  
60.1745


■ 44.2154, 38.6502,  
6.3717

■ 72.6577, 76.1234,  
75.6953


 42.5673, 35.6716,  
4.8428

 78.5358, 82.7417,  
93.4942

 42.1154, 34.8294,  
4.5030

 83.8201, 89.3586,  
107.4379

 86.7844, 95.2873,  
108.4260

 87.0887, 95.8958,  
108.5274

# Harmonies

## Analogous

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



62.0791, 54.1265, 32.6215



54.6242, 54.1265, 26.3073



47.0011, 54.1265, 26.9689

# Triad

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



54.6242, 54.1265, 26.3073



38.5436, 54.1265, 73.0454



63.3016, 54.1265, 92.3663

# Complementary

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



54.6242, 54.1265, 26.3073



36.7360, 38.0410, 81.7503

# 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.



56.1619, 54.1265, 109.5081



54.6242, 54.1265, 26.3073



42.1015, 54.1265, 96.5693

# Square

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



54.6242, 54.1265, 26.3073



38.2209, 54.1265, 50.4553



48.3928, 54.1265, 111.2146



67.4152, 54.1265, 68.3143



# Rectangle

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



54.6242, 54.1265, 26.3073



42.8304, 54.1265, 31.2978



48.3928, 54.1265, 111.2146



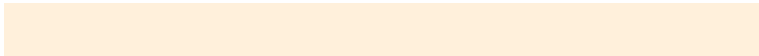
61.1449, 54.1265, 99.3626

# Sweetspot

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



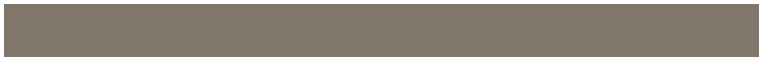
54.6255, 54.1291, 26.3084



85.3034, 88.8656, 79.8819



47.4687, 34.1649, 41.3427



17.9632, 18.6749, 16.2459



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.



54.6255, 54.1291, 26.3084



63.9276, 61.9380, 23.9736



62.8376, 74.8180, 29.8689



15.0768, 15.7674, 15.1532



23.5079, 19.5899, 2.5422



1.8282, 1.6297, 0.2182

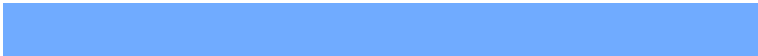


# Inverse Universe

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



36.7360, 38.0410, 81.7503



39.3483, 39.8593, 100.2275



31.1777, 24.9050, 79.5077



14.0691, 14.8595, 18.2710



10.5139, 8.0899, 43.3905

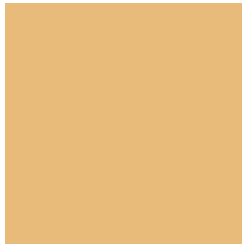


0.8667, 0.7773, 3.2363



# Previews

## White Background



This preview shows how the XYZ color 54.6242, 54.1265, 26.3073 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

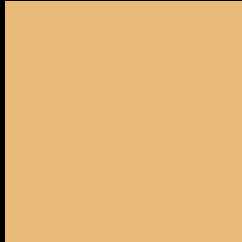
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.6242, 54.1265, 26.3073 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 54.6242, 54.1265, 26.3073**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.6242, 54.1265, 26.3073.



This preview shows how white text looks on a background with the XYZ color 54.6242, 54.1265,



# 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

54.6242, 54.1265, 26.3073

### Protanopia

50.4324, 54.5336, 27.6066

### Deuteranopia

55.3950, 54.2100, 26.2828



## Tritanopia

60.6947, 53.8237, 57.0592

# Trichromacy



## Original Color

54.6242, 54.1265, 26.3073

## Protanomaly

51.7647, 54.2400, 27.1431

## Deuteranomaly

55.0657, 54.0403, 26.2674

## Tritanomaly

58.0910, 53.6706, 43.8570

# Monochromacy



## Original Color

54.6242, 54.1265, 26.3073

## Achromatopsia

50.6879, 53.3276, 58.0738

## Achromatomaly

51.4308, 53.3542, 44.6335

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.6242, 54.1265, 26.3073 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(232, 187, 123)` looks like.

```
.text, #text, p{  
    color:rgb(232, 187, 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(232, 187, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 187, 123) }
```

## Border

The CSS property to change the border of an element to XYZ 54.6242, 54.1265, 26.3073 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(232, 187, 123) }
```



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

```
.border{ border-color:rgb(232, 187, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 187, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 187, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 187, 123);  
box-shadow:4px 4px 4px 4px rgb(232, 187,  
123) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.6242, 54.1265, 26.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 187, 123) }
```

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

```
.background{ background-color: rgb(232,  
187, 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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