

# Converting Colors

XYZ(60.9646, 57.8520, 34.7414)

Have a look what the booklet for  
XYZ(60.9646, 57.8520, 34.7414)  
contains.

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# Color

**XYZ(60.9646, 57.8520,  
34.7414)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5BD91
RGB	245, 189, 145
RGB Percent	96%, 74%, 57%
CMY	0.0392, 0.2588, 0.4314
CMYK	0.00, 0.23, 0.41, 0.04
HSL	26°, 83%, 76%
HSV	26°, 41%, 96%
XYZ	60.9646, 57.8520, 34.7414
YIQ	200.7280, 47.5000, -1.8120

# Conversions

## Conversions Part 2

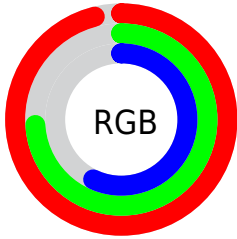
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 224, 145
Decimal	16104849
CIE Lab	80.66, 14.58, 29.98
CIE LCh	81, 33.341, 64.065
Yxy	57.8520, 0.3970, 0.3767
Android (android.graphics.Color)	4294294929 (0xFFF5BD91)
YUV	200.7280, -27.4739, 38.8265
Hunter-Lab	76.0605, 9.9668, 26.1610

# Details

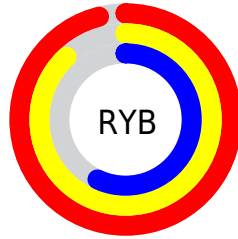
The XYZ color **60.9646, 57.8520, 34.7414** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.0443, 54.3835, 94.2982**, and the grayscale version is **55.4943, 58.3843, 63.5805**.

A 20% lighter version of the original color is **84.2012, 90.6883, 67.0996**, and **31.3181, 28.9813, 14.5330** is the 20% darker color. If you saturate the color by 10%, you get **56.4629, 51.5528, 24.9041**, and if you desaturate by 10%, it is **66.1558, 64.8780, 46.8194**.

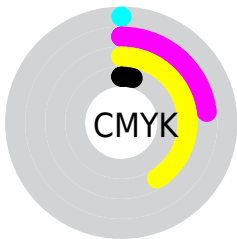
# Distribution



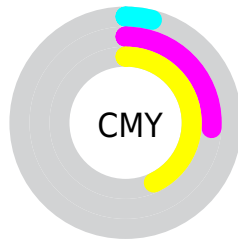
- Red (96%)
- Green (74%)
- Blue (57%)



- Red (96%)
- Yellow (88%)
- Blue (57%)



- Cyan (0%)
- Magenta (23%)
- Yellow (41%)
- Black (4%)



- Cyan (4%)
- Magenta (26%)
- Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9646, 57.8520, 34.7414 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 60.9646, 57.8520, 34.7414 by changing the saturation by 10% instead.




 60.9646, 57.8520,  
34.7414

 60.9646, 57.8520,  
34.7414


417.9222,  
416.6342, 338.2949

 44.4490, 41.6897,  
23.1818


 105.3261,  
101.7073, 68.2320

 31.2231, 28.8584,  
14.5212


 133.9027,  
130.1691, 91.0000

 20.9214, 18.9737,  
8.3412

167.2304,  
163.4995, 118.3413

 13.1787, 11.6513,  
4.2232

205.6745,  
202.0828, 150.6743

 7.6296, 6.5067,  
1.7485

249.6004,  
246.3036, 188.4177

 3.9087, 3.1556,  
0.3937

299.3734,

 1.6506, 1.2135,

296.5462, 231.9899

0.0000

355.3589,  
353.1949, 281.8094

■ 0.4250, 0.0727,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 60.9646, 57.8520,  
34.7414

■ 60.9646, 57.8520,  
34.7414

■ 56.4629, 51.5528,  
24.9041

■ 66.1558, 64.8780,  
46.8194

■ 52.6121, 45.9461,  
17.1623

■ 72.0636, 72.6469,  
61.2640

■ 49.3761, 41.0068,  
11.3587

■ 78.7188, 81.1847,  
78.1956

■ 46.7126, 36.7043,  
7.3121

■ 86.1489, 90.5133,  
97.7256

■ 44.5721, 33.0049,  
4.8060

■ 91.4661, 98.1524,  
108.7323

■ 42.9990, 30.0982,  
3.5432

# Harmonies

## Analogous

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



66.6636, 57.8520, 44.0983



60.9646, 57.8520, 34.7414



54.0560, 57.8520, 32.3040

# Triad

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



60.9646, 57.8520, 34.7414



42.8417, 57.8520, 65.7094



62.7175, 57.8520, 99.7884

# Complementary

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



60.9646, 57.8520, 34.7414



49.0443, 54.3835, 94.2982

# 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.



55.9278, 57.8520, 108.7301



60.9646, 57.8520, 34.7414



44.7596, 57.8520, 86.6302

# Square

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



60.9646, 57.8520, 34.7414



43.9487, 57.8520, 47.8605



49.4127, 57.8520, 103.4751



67.7333, 57.8520, 81.0151



# Rectangle

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



60.9646, 57.8520, 34.7414



49.7772, 57.8520, 34.3919



49.4127, 57.8520, 103.4751



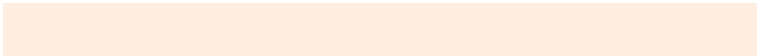
60.5473, 57.8520, 104.2027

# Sweetspot

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



60.9661, 57.8548, 34.7426



85.2843, 87.7344, 83.2452



58.4031, 43.9123, 61.0685



18.0428, 18.5093, 17.2738



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.



60.9661, 57.8548, 34.7426



62.6289, 57.5856, 28.9509



73.4388, 82.8002, 38.9001



17.0992, 17.6825, 17.3094



23.2971, 16.4799, 1.9530



2.1481, 1.6495, 0.2052

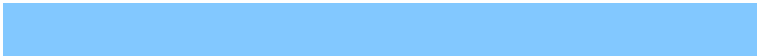


# Inverse Universe

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



49.0443, 54.3835, 94.2982



47.9214, 53.2853, 102.3671



39.3332, 34.9614, 91.0612



16.3509, 17.4661, 21.0521



13.8528, 13.4993, 48.4135



1.3198, 1.3910, 4.2892



# Previews

## White Background



This preview shows how the XYZ color 60.9646, 57.8520, 34.7414 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 60.9646, 57.8520, 34.7414 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

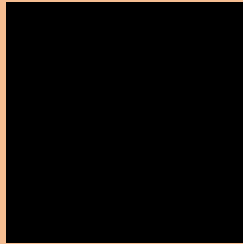
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 60.9646, 57.8520, 34.7414**

## **Background**



This preview shows how black text looks on a background with the XYZ color 60.9646, 57.8520, 34.7414.



This preview shows how white text looks on a background with the XYZ color 60.9646, 57.8520,

34.7414.

# 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

60.9646, 57.8520, 34.7414

### Protanopia

54.1836, 57.9576, 37.1853

### Deuteranopia

59.1436, 57.8900, 34.4422



## Tritanopia

66.1161, 57.7654, 59.8897

# Trichromacy



## Original Color

60.9646, 57.8520, 34.7414

## Protanomaly

56.4493, 57.7867, 36.1957

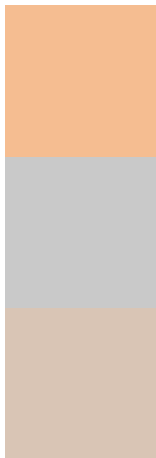
## Deuteranomaly

59.9405, 57.9760, 34.4168

## Tritanomaly

63.9962, 57.8287, 49.3841

# Monochromacy



## Original Color

60.9646, 57.8520, 34.7414

## Achromatopsia

55.5167, 58.4078, 63.6061

## Achromatomaly

56.9220, 58.0204, 51.9150

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.9646, 57.8520, 34.7414 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(245, 189, 145)` looks like.

```
.text, #text, p{  
    color:rgb(245, 189, 145)  
}
```

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(245, 189, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 189, 145) }
```

## Border

The CSS property to change the border of an element to XYZ 60.9646, 57.8520, 34.7414 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(245, 189, 145) }
```



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

```
.border{ border-color:rgb(245, 189, 145) }
```

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

Here you see how a box with a 4 pixel rgb(245, 189, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 189, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 189, 145);  
box-shadow:4px 4px 4px 4px rgb(245, 189,  
145) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.9646, 57.8520, 34.7414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 189, 145) }
```

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

```
.background{ background-color: rgb(245,  
189, 145) }
```

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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