

# Converting Colors

XYZ(60.2672, 51.1882, 32.2428)

Have a look what the booklet for  
XYZ(60.2672, 51.1882, 32.2428)  
contains.

<b>XYZ(60.1251, 51.2183, 32.3084)</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(60.1251, 51.2183,  
32.3084)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA88E
RGB	255, 168, 142
RGB Percent	100%, 66%, 56%
CMY	0.0000, 0.3411, 0.4431
CMYK	0.00, 0.34, 0.44, 0.00
HSL	14°, 100%, 78%
HSV	14°, 44%, 100%
XYZ	60.1251, 51.2183, 32.3084
YIQ	191.0490, 60.1980, 10.3580

# Conversions

## Conversions Part 2

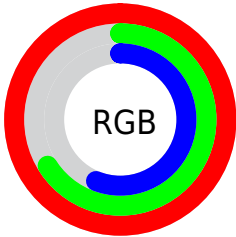
Format	Color
R <sub>Y</sub> B	255, 176, 142
Decimal	16754830
CIE Lab	76.81, 29.17, 26.62
CIE LCh	77, 39.490, 42.386
Yxy	51.2183, 0.4185, 0.3565
Android (android.graphics.Color)	4294944910 (0xFFFFA88E)
YUV	191.0490, -24.1812, 56.0850
Hunter-Lab	71.5670, 24.7199, 23.3308

# Details

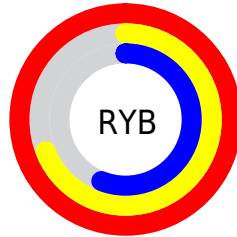
The XYZ color **60.1251, 51.2183, 32.3084** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.2232, 69.0063, 104.9110**, and the grayscale version is **49.6623, 52.2486, 56.8987**.

A 20% lighter version of the original color is **77.8595, 78.5568, 63.2839**, and **30.5682, 24.6363, 13.2694** is the 20% darker color. If you saturate the color by 10%, you get **55.0704, 43.8304, 22.2340**, and if you desaturate by 10%, it is **66.1674, 59.8807, 44.8735**.

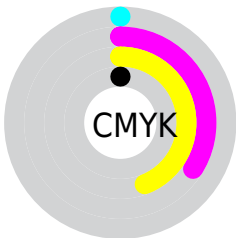
# Distribution



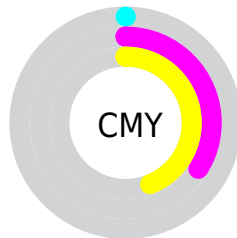
- Red (100%)
- Green (66%)
- Blue (56%)



- Red (100%)
- Yellow (69%)
- Blue (56%)



- Cyan (0%)
- Magenta (34%)
- Yellow (44%)
- Black (0%)




- Cyan (0%)
- Magenta (34%)
- Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1251, 51.2183, 32.3084 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 60.1251, 51.2183, 32.3084 by changing the saturation by 10% instead.





 60.1251, 51.2183,  
32.3084

 60.1251, 51.2183,  
32.3084


414.8861,  
391.4113, 327.0576

 43.7693, 36.3824,  
21.3304

 104.1164, 91.9774,  
64.3978

 30.6863, 24.7297,  
13.1721


 132.4827,  
118.6693, 86.3462

 20.5108, 15.8758,  
7.4151


165.5832,  
150.0820, 112.7886

 12.8773, 9.4363,  
3.6407

203.7832,  
186.5999, 144.1433

 7.4205, 5.0268,  
1.4304

247.4482,  
228.6074, 180.8291

 3.7751, 2.2630,  
0.1652

296.9434,

 1.5757, 0.7540,

276.4889, 223.2644

0.0000

352.6342,  
330.6287, 271.8677

■ 0.3765, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 60.1251, 51.2183,  
32.3084

■ 60.1251, 51.2183,  
32.3084

■ 55.0704, 43.8304,  
22.2340

■ 66.1674, 59.8807,  
44.8735

■ 50.9449, 37.6485,  
14.4797

■ 73.2439, 69.8667,  
60.0782

■ 47.6893, 32.6088,  
8.8582

■ 81.4025, 81.2323,  
78.0632

■ 45.2355, 28.6383,  
5.1512

■ 90.6872, 94.0276,  
98.9585

■ 43.5034, 25.6546, 95.0499, 99.9999,  
3.0925 108.9000

■ 42.7877, 24.3557,  
2.4459

# Harmonies

## Analogous

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



64.1638, 51.2183, 47.3723



60.1251, 51.2183, 32.3084



53.1755, 51.2183, 24.9461

# Triad

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



60.1251, 51.2183, 32.3084



36.1930, 51.2183, 44.1840



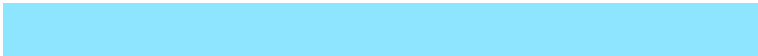
51.8397, 51.2183, 106.5966

# Complementary

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



60.1251, 51.2183, 32.3084



57.2232, 69.0063, 104.9110

# 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.



44.4480, 51.2183, 105.1024



60.1251, 51.2183, 32.3084



35.9144, 51.2183, 65.1014

# Square

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



60.1251, 51.2183, 32.3084



39.5953, 51.2183, 30.4929



38.7906, 51.2183, 88.4885



59.0611, 51.2183, 92.1608



# Rectangle

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



60.1251, 51.2183, 32.3084



48.0837, 51.2183, 23.8513



38.7906, 51.2183, 88.4885



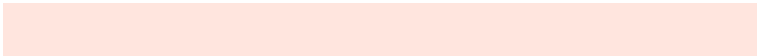
49.2841, 51.2183, 108.0280

# Sweetspot

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



60.1264, 51.2208, 32.3094



82.5568, 82.8301, 80.6385



65.2687, 46.3486, 80.7501



17.2577, 17.1573, 16.3396



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.



60.1264, 51.2208, 32.3094



55.6802, 44.7307, 23.4208



72.5057, 75.9795, 36.4358



18.3485, 18.6652, 18.7800



22.4500, 12.9113, 1.3089

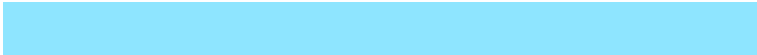


2.2644, 1.4141, 0.1536



# Inverse Universe

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



57.2232, 69.0063, 104.9110



52.4028, 64.4580, 104.2875



44.3450, 43.2498, 100.6182



18.1796, 19.7308, 23.1002



19.9019, 24.7134, 53.1558



2.0199, 2.5705, 5.2030



# Previews

## White Background



This preview shows how the XYZ color 60.1251, 51.2183, 32.3084 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

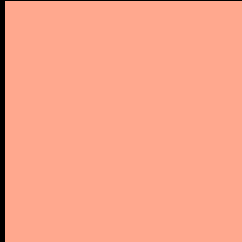
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.1251, 51.2183, 32.3084 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

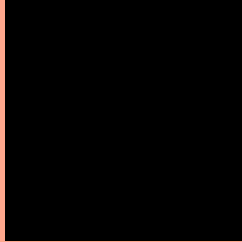
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 60.1251, 51.2183, 32.3084

## Background



This preview shows how black text looks on a background with the XYZ color 60.1251, 51.2183, 32.3084.



This preview shows how white text looks on a background with the XYZ color 60.1251, 51.2183,

32.3084.

# 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

60.1251, 51.2183, 32.3084

### Protanopia

48.4381, 51.6505, 37.1223

### Deuteranopia

52.4395, 51.3275, 31.5694



## Tritanopia

62.5316, 51.3049, 47.6813

# Trichromacy



## Original Color

60.1251, 51.2183, 32.3084



## Protanomaly

51.8920, 50.9662, 35.1194



## Deuteranomaly

55.0478, 51.1706, 31.7865



## Tritanomaly

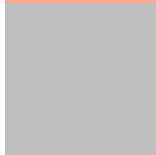
61.5771, 51.2128, 41.7615

# Monochromacy



## Original Color

60.1251, 51.2183, 32.3084



## Achromatopsia

49.5206, 52.0996, 56.7364



## Achromatomaly

52.2079, 51.1802, 46.6623

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.1251, 51.2183, 32.3084 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(255, 168, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 142)  
}
```

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(255, 168, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 142) }
```

## Border

The CSS property to change the border of an element to XYZ 60.1251, 51.2183, 32.3084 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(255, 168, 142) }
```



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

```
.border{ border-color:rgb(255, 168, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
142) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.1251, 51.2183, 32.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 142) }
```

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

```
.background{ background-color: rgb(255,  
168, 142) }
```

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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