

Converting Colors

XYZ(73.6437, 57.8662, 37.2690)

Have a look what the booklet for
XYZ(73.6437, 57.8662, 37.2690)
contains.

XYZ(60.8085, 51.1973, 36.8141)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.8085, 51.1973,
36.8141)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA799
RGB	255, 167, 153
RGB Percent	100%, 65%, 60%
CMY	0.0000, 0.3451, 0.4000
CMYK	0.00, 0.35, 0.40, 0.00
HSL	8°, 100%, 80%
HSV	8°, 40%, 100%
XYZ	60.8085, 51.1973, 36.8141
YIQ	191.7160, 56.9420, 14.3020

Conversions

Conversions Part 2

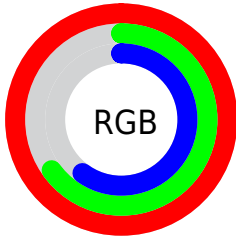
Format	Color
R _Y B	255, 169, 153
Decimal	16754585
CIE Lab	76.80, 30.84, 20.67
CIE LCh	77, 37.127, 33.824
Yxy	51.1973, 0.4086, 0.3440
Android (android.graphics.Color)	4294944665 (0xFFFFA799)
YUV	191.7160, -19.0870, 55.5001
Hunter-Lab	71.5523, 26.4812, 19.5815

Details

The XYZ color **60.8085, 51.1973, 36.8141** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.6409, 76.8999, 106.1494**, and the grayscale version is **50.0230, 52.6281, 57.3120**.

A 20% lighter version of the original color is **78.8902, 78.5403, 70.0333**, and **31.1805, 24.7297, 15.7003** is the 20% darker color. If you saturate the color by 10%, you get **55.2301, 43.0586, 25.6506**, and if you desaturate by 10%, it is **67.5250, 60.8920, 50.5782**.

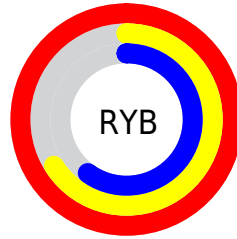
Distribution



Red (100%)

Green (65%)

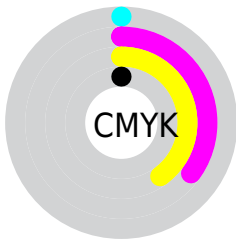
Blue (60%)



Red (100%)

Yellow (66%)

Blue (60%)

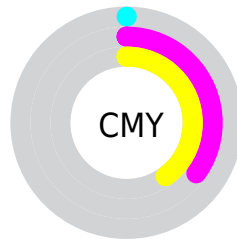


Cyan (0%)

Magenta (35%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8085, 51.1973, 36.8141 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 60.8085, 51.1973, 36.8141 by changing the saturation by 10% instead.


 60.8085, 51.1973,
36.8141


 60.8085, 51.1973,
36.8141


417.3586,
391.3299, 347.6494

 44.3226, 36.3657,
24.7689


 105.1013, 91.9463,
71.4699

 31.1232, 24.7167,
15.6875


 133.6389,
118.6325, 94.9176

 20.8450, 15.8661,
9.1514

166.9244,
150.0390, 123.0033

 13.1225, 9.4295,
4.7419

205.3233,
186.5502, 156.1454

 7.5906, 5.0224,
2.0405

249.2007,
228.5505, 194.7625

 3.8837, 2.2604,
0.5800

298.9222,

 1.6365, 0.7526,

276.4243, 239.2732

0.0000

354.8531,
330.5559, 290.0960

■ 0.4160, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8085, 51.1973,
36.8141

■ 60.8085, 51.1973,
36.8141

■ 55.2301, 43.0586,
25.6506

■ 67.5250, 60.8920,
50.5782

■ 50.7225, 36.3876,
16.9209

■ 75.4345, 72.2102,
67.0897

■ 47.2167, 31.0982,
10.4432

■ 84.5926, 85.2244,
86.4877

■ 44.6344, 27.0927,
6.0090

95.0500, 100.0000,
108.9000

■ 42.8847, 24.2600,
3.3707

■ 41.8415, 22.4629,
2.1305

■ 41.8414, 22.4629,
2.1305

Harmonies

Analogous

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



63.4721, 51.1973, 53.1971



60.8085, 51.1973, 36.8141



54.8869, 51.1973, 27.6679

Triad

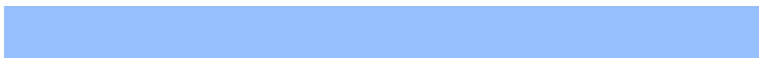
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.8085, 51.1973, 36.8141



37.4860, 51.1973, 40.3190



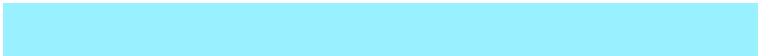
49.5707, 51.1973, 104.1215

Complementary

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



60.8085, 51.1973, 36.8141



62.6409, 76.8999, 106.1494

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.



42.9255, 51.1973, 98.3272



60.8085, 51.1973, 36.8141



36.3551, 51.1973, 58.3733

Square

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



60.8085, 51.1973, 36.8141



41.5020, 51.1973, 29.3221



38.2505, 51.1973, 80.2564



56.6004, 51.1973, 94.5975

Rectangle

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



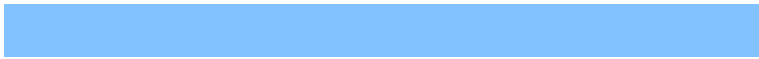
60.8085, 51.1973, 36.8141



50.1339, 51.1973, 25.3804



38.2505, 51.1973, 80.2564



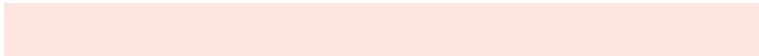
47.2182, 51.1973, 103.9110

Sweetspot

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



60.8098, 51.1998, 36.8151



82.6581, 82.4820, 82.3698



68.5685, 50.4177, 89.6505



17.4278, 17.2793, 17.0688



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.



60.8098, 51.1998, 36.8151



56.2579, 44.5662, 27.6827



71.9578, 73.4958, 40.5311



18.2105, 18.3891, 18.7340



21.9240, 11.8592, 1.1335



2.1931, 1.2716, 0.1299

Inverse Universe

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



62.6409, 76.8999, 106.1494



58.2907, 73.4358, 105.7100



49.6875, 50.9932, 101.8316



18.3297, 20.0310, 23.1502



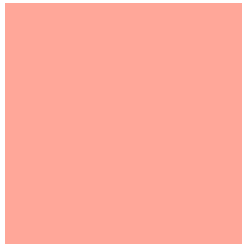
22.8848, 30.6792, 54.1501



2.2843, 3.0994, 5.2911

Previews

White Background



This preview shows how the XYZ color 60.8085, 51.1973, 36.8141 looks on a white background.

Color Contrast Check

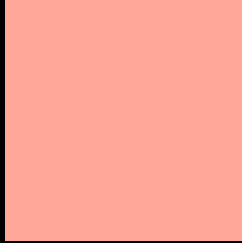
Large Text (above 18pt) WCAG AA × Fail

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 60.8085, 51.1973, 36.8141 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 60.8085, 51.1973, 36.8141

Background



This preview shows how black text looks on a background with the XYZ color 60.8085, 51.1973, 36.8141.



This preview shows how white text looks on a background with the XYZ color 60.8085, 51.1973,

36.8141.

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

60.8085, 51.1973, 36.8141

Protanopia

48.4516, 51.2176, 42.4543

Deuteranopia

52.3572, 51.1875, 35.9748



Tritanopia

62.5316, 51.3049, 47.6813

Trichromacy



Original Color

60.8085, 51.1973, 36.8141

Protanomaly

52.0825, 50.6459, 40.2883

Deuteranomaly

55.2397, 51.1711, 36.2437

Tritanomaly

61.9441, 51.3596, 43.6944

Monochromacy



Original Color

60.8085, 51.1973, 36.8141

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.9937, 51.5284, 49.2724

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8085, 51.1973, 36.8141 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, 167, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 153)  
}
```

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, 167, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 153) }
```

Border

The CSS property to change the border of an element to XYZ 60.8085, 51.1973, 36.8141 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, 167, 153) }
```


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

```
.border{ border-color:rgb(255, 167, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8085, 51.1973, 36.8141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 153) }
```

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

```
.background{ background-color: rgb(255,  
167, 153) }
```

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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