

Converting Colors

XYZ(60.9597, 55.0391, 25.9533)

Have a look what the booklet for
XYZ(60.9597, 55.0391, 25.9533)
contains.

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Color

**XYZ(60.8730, 54.9053,
25.8018)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB37A
RGB	255, 179, 122
RGB Percent	100%, 70%, 48%
CMY	0.0000, 0.2980, 0.5216
CMYK	0.00, 0.30, 0.52, 0.00
HSL	26°, 100%, 74%
HSV	26°, 52%, 100%
XYZ	60.8730, 54.9053, 25.8018
YIQ	195.2260, 63.5930, -1.6150

Conversions

Conversions Part 2

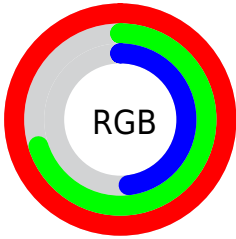
Format	Color
R _Y B	255, 222, 122
Decimal	16757626
CIE Lab	78.99, 21.56, 40.01
CIE LCh	79, 45.447, 61.676
Yxy	54.9053, 0.4300, 0.3878
Android (android.graphics.Color)	4294947706 (0xFFFFB37A)
YUV	195.2260, -36.1004, 52.4218
Hunter-Lab	74.0981, 16.9694, 31.2232

Details

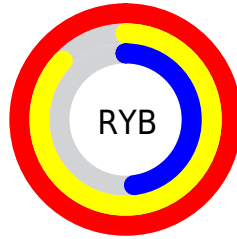
The XYZ color **60.8730, 54.9053, 25.8018** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **46.2693, 51.7436, 102.1565**, and the grayscale version is **52.1898, 54.9077, 59.7945**.

A 20% lighter version of the original color is **78.6862, 83.7718, 52.5798**, and **31.1362, 26.9917, 9.6998** is the 20% darker color. If you saturate the color by 10%, you get **56.7281, 48.8211, 17.6214**, and if you desaturate by 10%, it is **65.7436, 61.7779, 36.2700**.

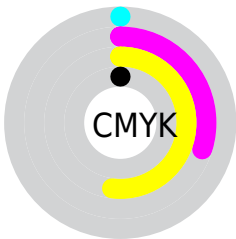
Distribution



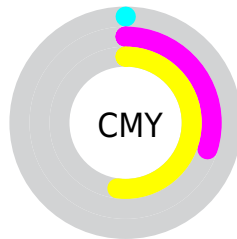
- Red (100%)
- Green (70%)
- Blue (48%)



- Red (100%)
- Yellow (87%)
- Blue (48%)



- Cyan (0%)
- Magenta (30%)
- Yellow (52%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8730, 54.9053, 25.8018 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 60.8730, 54.9053, 25.8018 by changing the saturation by 10% instead.


 60.8730, 54.9053,
25.8018


 60.8730, 54.9053,
25.8018


417.5916,
405.5529, 295.3822


 44.3748, 39.3259,
16.4510


 105.1942, 97.4022,
53.9352

 31.1645, 27.0134,
9.6860


 133.7479,
125.0885, 73.5548

 20.8766, 17.5833,
5.0884


 167.0509,
157.5792, 97.4345

 13.1457, 10.6512,
2.2396

205.4684,
195.2587, 125.9928

 7.6067, 5.8328,
0.6971

249.3659,
238.5114, 159.6481

 3.8940, 2.7437,
0.0000

299.1087,

 1.6423, 0.9994,

287.7218, 198.8191

0.0000

355.0621,
343.2741, 243.9243

■ 0.4198, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8730, 54.9053,
25.8018

■ 60.8730, 54.9053,
25.8018

■ 56.7281, 48.8211,
17.6214

■ 65.7436, 61.7779,
36.2700

■ 53.2623, 43.4848,
11.5478

■ 71.3748, 69.4608,
49.1815

■ 50.4286, 38.8639,
7.3772

■ 77.8033, 77.9850,
64.6820

■ 48.1702, 34.9185,
4.8630

■ 85.0624, 87.3772,
82.9045

46.7402, 32.2606,
3.7634

93.1832, 97.6628,
103.9730

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



68.4165, 54.9053, 37.2709



60.8730, 54.9053, 25.8018



51.6792, 54.9053, 22.5574

Triad

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



60.8730, 54.9053, 25.8018



36.6710, 54.9053, 61.2500



61.8537, 54.9053, 112.9293

Complementary

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



60.8730, 54.9053, 25.8018



46.2693, 51.7436, 102.1565

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.



52.6958, 54.9053, 124.6074



60.8730, 54.9053, 25.8018



38.7494, 54.9053, 89.9112

Square

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



60.8730, 54.9053, 25.8018



38.3342, 54.9053, 39.1413



44.3672, 54.9053, 115.1683



69.0271, 54.9053, 86.6420

Rectangle

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



60.8730, 54.9053, 25.8018



46.0266, 54.9053, 24.4337



44.3672, 54.9053, 115.1683



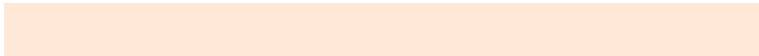
58.8714, 54.9053, 118.9862

Sweetspot

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



60.8743, 54.9080, 25.8029



82.1719, 83.6627, 75.5699



58.5765, 39.3302, 58.8932



17.2679, 17.4930, 15.3708



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.



60.8743, 54.9080, 25.8029



56.4101, 48.3423, 17.0301



77.0785, 87.3164, 31.2043



18.6495, 19.2672, 18.8803



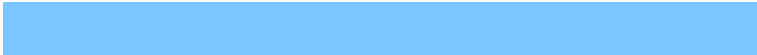
24.5640, 17.1392, 2.0135



2.4975, 1.8804, 0.2313

Inverse Universe

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



46.2693, 51.7436, 102.1565



40.2912, 44.7964, 101.1307



34.4755, 28.1561, 98.2252



17.8647, 19.1010, 22.9952



14.9298, 14.7692, 51.4984



1.5622, 1.6550, 5.0504

Previews

White Background



This preview shows how the XYZ color 60.8730, 54.9053, 25.8018 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 60.8730, 54.9053, 25.8018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

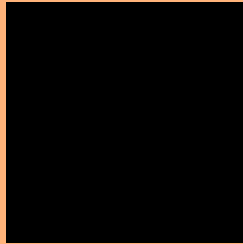
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8730, 54.9053, 25.8018

Background



This preview shows how black text looks on a background with the XYZ color 60.8730, 54.9053, 25.8018.



This preview shows how white text looks on a background with the XYZ color 60.8730, 54.9053,

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

60.8730, 54.9053, 25.8018

Protanopia

51.1429, 55.2110, 28.7301

Deuteranopia

56.0855, 54.9012, 25.4103



Tritanopia

65.1330, 55.0349, 53.0889

Trichromacy



Original Color

60.8730, 54.9053, 25.8018

Protanomaly

54.1743, 54.8272, 27.4661

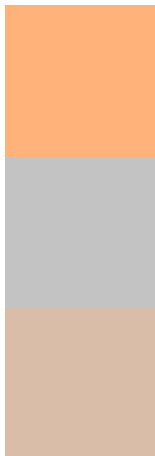
Deuteranomaly

57.8999, 54.8946, 25.6332

Tritanomaly

63.2869, 54.9193, 41.4473

Monochromacy



Original Color

60.8730, 54.9053, 25.8018

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.8808, 53.9741, 44.6240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8730, 54.9053, 25.8018 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, 179, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 122)  
}
```

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, 179, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 122) }
```

Border

The CSS property to change the border of an element to XYZ 60.8730, 54.9053, 25.8018 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, 179, 122) }
```


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

```
.border{ border-color:rgb(255, 179, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8730, 54.9053, 25.8018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 122) }
```

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

```
.background{ background-color: rgb(255,  
179, 122) }
```

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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