

Converting Colors

XYZ(61.8344, 50.0073, 28.0778)

Have a look what the booklet for
XYZ(61.8344, 50.0073, 28.0778)
contains.

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Color

**XYZ(57.9757, 48.0676,
28.0521)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA084
RGB	255, 160, 132
RGB Percent	100%, 63%, 52%
CMY	0.0000, 0.3725, 0.4823
CMYK	0.00, 0.37, 0.48, 0.00
HSL	14°, 100%, 76%
HSV	14°, 48%, 100%
XYZ	57.9757, 48.0676, 28.0521
YIQ	185.2130, 65.6080, 11.4320

Conversions

Conversions Part 2

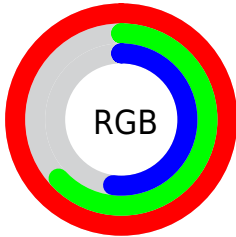
Format	Color
R _Y B	255, 168, 132
Decimal	16752772
CIE Lab	74.87, 32.37, 29.41
CIE LCh	75, 43.732, 42.255
Yxy	48.0676, 0.4323, 0.3585
Android (android.graphics.Color)	4294942852 (0xFFFFA084)
YUV	185.2130, -26.2340, 61.2032
Hunter-Lab	69.3308, 27.9361, 24.5421

Details

The XYZ color **57.9757, 48.0676, 28.0521** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **55.0333, 67.0605, 104.6509**, and the grayscale version is **46.3498, 48.7636, 53.1035**.

A 20% lighter version of the original color is **74.2974, 73.3637, 56.1436**, and **29.2864, 22.7267, 10.8258** is the 20% darker color. If you saturate the color by 10%, you get **53.2915, 41.1589, 18.9085**, and if you desaturate by 10%, it is **63.6296, 56.2333, 39.6236**.

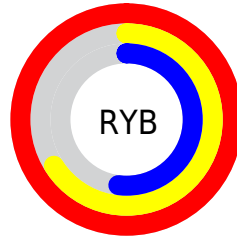
Distribution



Red (100%)

Green (63%)

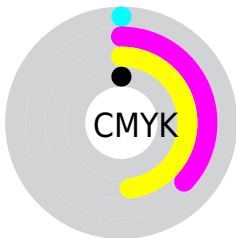
Blue (52%)



Red (100%)

Yellow (66%)

Blue (52%)

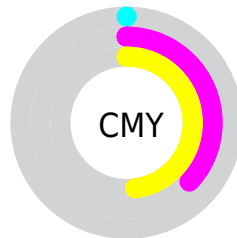


Cyan (0%)

Magenta (37%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9757, 48.0676, 28.0521 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 57.9757, 48.0676, 28.0521 by changing the saturation by 10% instead.


 57.9757, 48.0676,
28.0521

 57.9757, 48.0676,
28.0521


407.0507,
379.0600, 306.6356


 42.0323, 33.8804,
18.1256


 101.0106, 87.3050,
57.5917

 29.3178, 22.8018,
10.8698


 128.8329,
113.1241, 78.0419

 19.4669, 14.4472,
5.8663

 161.3455,
143.5892, 102.8370

 12.1141, 8.4323,
2.6965

198.9137,
179.0849, 132.3955

 6.8942, 4.3728,
0.9416

241.9030,
219.9954, 167.1361

 3.4418, 1.8842,
0.0000

290.6787,

 1.3914, 0.5389,

266.7051, 207.4773

0.0000

345.6062,
319.5985, 253.8376

■ 0.2501, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9757, 48.0676,
28.0521

■ 57.9757, 48.0676,
28.0521

■ 53.2915, 41.1589,
18.9085

■ 63.6296, 56.2333,
39.6236

■ 49.5164, 35.4365,
12.0150

■ 70.3017, 65.7077,
53.7780

■ 46.5880, 30.8335,
7.1738

■ 78.0415, 76.5480,
70.6604

■ 44.4339, 27.2731,
4.1507

■ 86.8942, 88.8062,
90.4044

■ 42.9622, 24.6650, 95.0499, 99.9999,
2.6257 108.9000

■ 42.7561, 24.2923,
2.4354

Harmonies

Analogous

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



62.3325, 48.0676, 43.5751



57.9757, 48.0676, 28.0521



50.5116, 48.0676, 20.7090

Triad

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



57.9757, 48.0676, 28.0521



32.6066, 48.0676, 40.0835



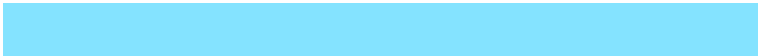
49.0126, 48.0676, 107.9114

Complementary

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



57.9757, 48.0676, 28.0521



55.0333, 67.0605, 104.6509

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.



41.1795, 48.0676, 106.1606



57.9757, 48.0676, 28.0521



32.3045, 48.0676, 62.2022

Square

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



57.9757, 48.0676, 28.0521



36.1497, 48.0676, 26.1384



35.2701, 48.0676, 87.6860



56.7691, 48.0676, 91.9410

Rectangle

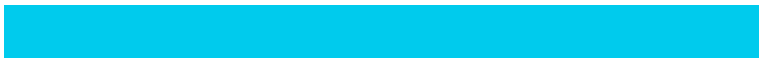
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



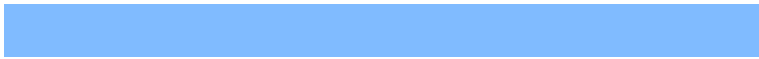
57.9757, 48.0676, 28.0521



45.0874, 48.0676, 19.6229



35.2701, 48.0676, 87.6860



46.2915, 48.0676, 109.4818

Sweetspot

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



57.9769, 48.0700, 28.0530



81.6522, 81.5632, 78.6648



63.5436, 43.3838, 78.6786



17.0778, 16.9041, 15.9507



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.



57.9769, 48.0700, 28.0530



53.3909, 41.3073, 19.0966



71.0375, 74.1912, 32.4065



18.3448, 18.6579, 18.7788



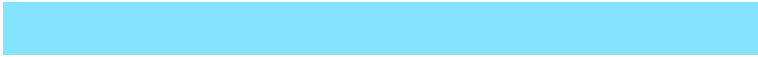
22.4327, 12.8765, 1.3031



2.2622, 1.4097, 0.1529

Inverse Universe

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



55.0333, 67.0605, 104.6509



50.0676, 62.2364, 103.9817



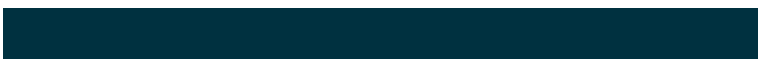
41.3573, 39.7085, 100.0923



18.1835, 19.7387, 23.1015



19.9750, 24.8596, 53.1802



2.0265, 2.5836, 5.2052

Previews

White Background



This preview shows how the XYZ color 57.9757, 48.0676, 28.0521 looks on a white background.

Color Contrast Check

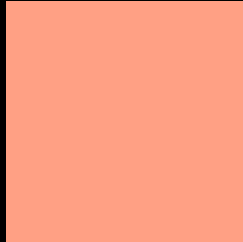
Large Text (above 18pt) WCAG AA × Fail

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 57.9757, 48.0676, 28.0521 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 57.9757, 48.0676, 28.0521

Background



This preview shows how black text looks on a background with the XYZ color 57.9757, 48.0676, 28.0521.



This preview shows how white text looks on a background with the XYZ color 57.9757, 48.0676,

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

57.9757, 48.0676, 28.0521

Protanopia

45.1244, 48.1345, 32.8992

Deuteranopia

49.1998, 48.2449, 27.4880



Tritanopia

60.3649, 48.2011, 43.1680

Trichromacy



Original Color

57.9757, 48.0676, 28.0521

Protanomaly

48.9036, 47.4295, 31.0034

Deuteranomaly

52.1964, 48.0612, 27.6448

Tritanomaly

59.3833, 48.0803, 37.1609

Monochromacy



Original Color

57.9757, 48.0676, 28.0521

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.9866, 47.5055, 42.6640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9757, 48.0676, 28.0521 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, 160, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 132)  
}
```

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, 160, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 132) }
```

Border

The CSS property to change the border of an element to XYZ 57.9757, 48.0676, 28.0521 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, 160, 132) }
```


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

```
.border{ border-color:rgb(255, 160, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9757, 48.0676, 28.0521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 132) }
```

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

```
.background{ background-color: rgb(255,  
160, 132) }
```

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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