

Converting Colors

XYZ(127.5078, 84.3214,
24.4745)

Have a look what the booklet for
XYZ(127.5078, 84.3214, 24.4745)
contains.

XYZ(56.8541, 47.8974, 21.2875) 3

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Color

**XYZ(56.8541, 47.8974,
21.2875)**

Conversions

Conversions Part 1	
Format	Color
Hex	FFA16F
RGB	255, 161, 111
RGB Percent	100%, 63%, 44%
CMY	0.0000, 0.3686, 0.5647
CMYK	0.00, 0.37, 0.56, 0.00
HSL	21°, 100%, 72%
HSV	21°, 56%, 100%
XYZ	56.8541, 47.8974, 21.2875
YIQ	183.4060, 72.0740, 4.3780

Conversions

Conversions Part 2

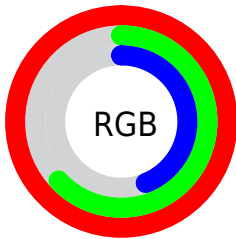
Format	Color
RYB	255, 188, 111
Decimal	16753007
CIELab	74.76, 30.08, 40.40
CIELCh	75, 50.371, 53.334
Yxy	47.8974, 0.4511, 0.3800
Android (android.graphics.Color)	4294943087 (0xFFFFA16F)
YUV	183.4060, -35.6962, 62.7879
Hunter-Lab	69.2079, 25.5233, 30.2087

Details

The XYZ color **56.8541, 47.8974, 21.2875** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **46.4356, 54.2594, 102.6330**, and the grayscale version is **45.3962, 47.7603, 52.0110**.

A 20% lighter version of the original color is **72.4967, 73.0521, 45.4014**, and **28.5863, 22.7544, 7.4428** is the 20% darker color. If you saturate the color by 10%, you get **52.9277, 41.9802, 14.0126**, and if you desaturate by 10%, it is **61.5707, 54.7541, 30.8034**.

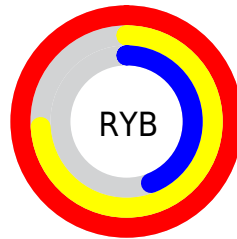
Distribution



Red (100%)

Green (63%)

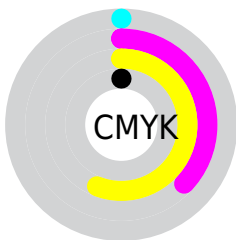
Blue (44%)



Red (100%)

Yellow (74%)

Blue (44%)

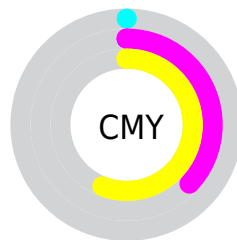


Cyan (0%)

Magenta (37%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.8541, 47.8974, 21.2875 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 56.8541, 47.8974, 21.2875 by changing the saturation by 10% instead.


 56.8541, 47.8974,
21.2875

 56.8541, 47.8974,
21.2875


402.9254,
378.3853, 271.6335

 41.1278, 33.7456,
13.1410


 99.3849, 87.0516,
46.4525


 28.6071, 22.6983,
7.3939


 126.9200,
112.8229, 64.3081

 18.9266, 14.3709,
3.6275


 159.1222,
143.2361, 86.2372

 11.7209, 8.3791,
1.4233

 196.3567,
178.6757, 112.6583

 6.6248, 4.3384,
0.1598

238.9889,
219.5260, 143.9899

 3.2728, 1.8646,
0.0000


287.3842,


 1.2996, 0.5270,


266.1714, 180.6507

0.0000

341.9079,
318.9964, 223.0590


 0.1829, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 56.8541, 47.8974,
21.2875


 56.8541, 47.8974,
21.2875


 52.9277, 41.9802,
14.0126


 61.5707, 54.7541,
30.8034

 49.7379, 36.9509,
8.7860


 67.1194, 62.5843,
42.7255


 47.2282, 32.7631,
5.3863

 73.5429, 71.4286,
57.2067

 45.3300, 29.3614,
3.5367

 80.8799, 81.3233,
74.3859

 44.7751, 28.3304,
3.1084

 89.1664, 92.3027,
94.3923

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



63.6563, 47.8974, 34.6390



56.8541, 47.8974, 21.2875



47.5969, 47.8974, 16.4185

Triad

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



56.8541, 47.8974, 21.2875



30.1972, 47.8974, 46.5219



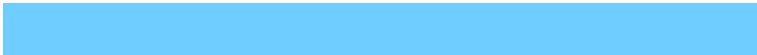
52.8518, 47.8974, 113.4107

Complementary

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



56.8541, 47.8974, 21.2875



46.4356, 54.2594, 102.6330

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.



43.5142, 47.8974, 119.8723



56.8541, 47.8974, 21.2875



31.2119, 47.8974, 74.7522

Square

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



56.8541, 47.8974, 21.2875



32.8260, 47.8974, 27.4886



35.8108, 47.8974, 103.8785



61.1378, 47.8974, 88.3773

Rectangle

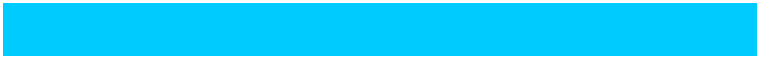
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.8541, 47.8974, 21.2875



41.5886, 47.8974, 16.8937



35.8108, 47.8974, 103.8785



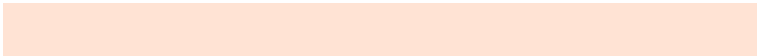
49.7024, 47.8974, 118.1092

Sweetspot

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



56.8552, 47.8998, 21.2884



80.4677, 80.7722, 73.4056



58.1870, 37.1342, 63.1324



16.8940, 16.8471, 14.9318



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.



56.8552, 47.8998, 21.2884



52.3934, 41.1543, 13.0852



72.6850, 79.5594, 26.5650



18.5252, 19.0185, 18.8389



23.5213, 15.0538, 1.6660



2.3877, 1.6607, 0.1947

Inverse Universe

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



46.4356, 54.2594, 102.6330



40.9618, 47.9296, 101.7002



33.2698, 27.9279, 98.2444



17.9928, 19.3572, 23.0379



16.7443, 18.3983, 52.1033



1.7326, 1.9959, 5.1072

Previews

White Background



This preview shows how the XYZ color 56.8541, 47.8974, 21.2875 looks on a white background.

Color Contrast Check

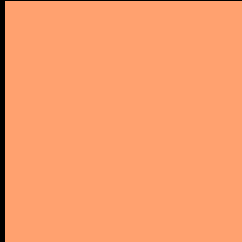
Large Text (above 18pt) WCAG AA × Fail

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 56.8541, 47.8974, 21.2875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

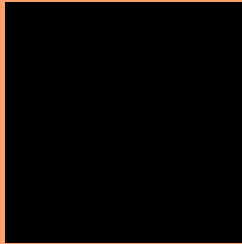
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8541, 47.8974, 21.2875

Background



This preview shows how black text looks on a background with the XYZ color 56.8541, 47.8974, 21.2875.



This preview shows how white text looks on a background with the XYZ color 56.8541, 47.8974,

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

56.8541, 47.8974, 21.2875

Protanopia

44.3501, 47.9164, 24.6806

Deuteranopia

48.9726, 47.9807, 20.8674



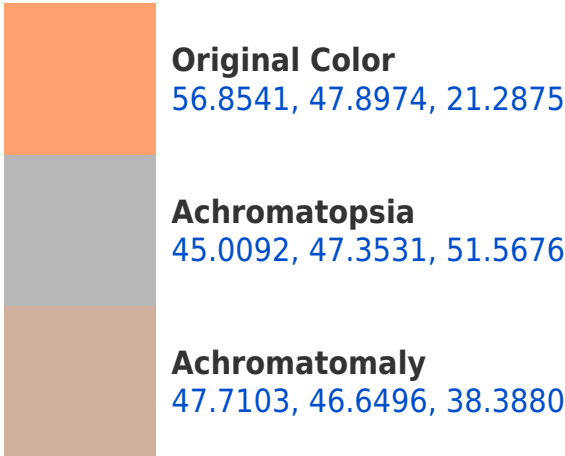
Tritanopia

60.1035, 47.8270, 42.6229

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8541, 47.8974, 21.2875 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, 161, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 111)  
}
```

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, 161, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 111) }
```

Border

The CSS property to change the border of an element to XYZ 56.8541, 47.8974, 21.2875 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, 161, 111) }
```


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

```
.border{ border-color:rgb(255, 161, 111) }
```

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

Here you see how a box with a 4 pixel rgb(255, 161, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8541, 47.8974, 21.2875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 111) }
```

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

```
.background{ background-color: rgb(255,  
161, 111) }
```

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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