

Converting Colors

XYZ(69.8513, 54.4669, 21.5212)

Have a look what the booklet for
XYZ(69.8513, 54.4669, 21.5212)
contains.

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Color

**XYZ(56.6253, 47.5274,
20.9411)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA06E
RGB	255, 160, 110
RGB Percent	100%, 63%, 43%
CMY	0.0000, 0.3725, 0.5686
CMYK	0.00, 0.37, 0.57, 0.00
HSL	21°, 100%, 72%
HSV	21°, 57%, 100%
XYZ	56.6253, 47.5274, 20.9411
YIQ	182.7050, 72.6700, 4.5900

Conversions

Conversions Part 2

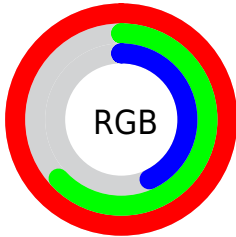
Format	Color
R _Y B	255, 186, 110
Decimal	16752750
CIE Lab	74.53, 30.52, 40.63
CIE LCh	75, 50.821, 53.087
Yxy	47.5274, 0.4527, 0.3799
Android (android.graphics.Color)	4294942830 (0xFFFFA06E)
YUV	182.7050, -35.8436, 63.4027
Hunter-Lab	68.9401, 25.9692, 30.2483

Details

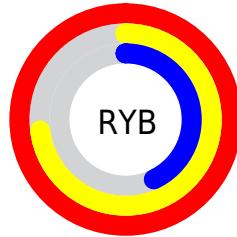
The XYZ color **56.6253, 47.5274, 20.9411** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **46.3105, 54.1950, 102.6272**, and the grayscale version is **45.0115, 47.3556, 51.5702**.

A 20% lighter version of the original color is **72.0620, 72.4695, 44.3724**, and **28.4530, 22.5314, 7.2642** is the 20% darker color. If you saturate the color by 10%, you get **52.7276, 41.6434, 13.7499**, and if you desaturate by 10%, it is **61.3139, 54.3543, 30.3672**.

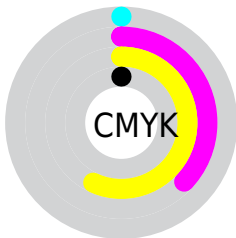
Distribution



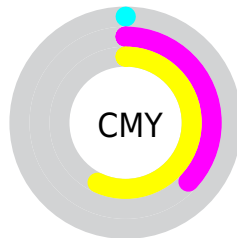
- Red (100%)
- Green (63%)
- Blue (43%)



- Red (100%)
- Yellow (73%)
- Blue (43%)



- Cyan (0%)
- Magenta (37%)
- Yellow (57%)
- Black (0%)





- Cyan (0%)
- Magenta (37%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6253, 47.5274, 20.9411 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 56.6253, 47.5274, 20.9411 by changing the saturation by 10% instead.


 56.6253, 47.5274,
20.9411

 56.6253, 47.5274,
20.9411


402.0807,
376.9158, 269.7361


 40.9434, 33.4528,
12.8901


 99.0528, 86.5003,
45.8690


 28.4624, 22.4735,
7.2231

 126.5291,
112.1674, 63.5830

 18.8167, 14.2053,
3.5215


 158.6676,
142.4675, 85.3551

 11.6411, 8.2636,
1.3667

 195.8337,
177.7849, 111.6039

 6.5703, 4.2641,
0.1155

238.3927,
218.5040, 142.7478

 3.2388, 1.8223,
0.0000

286.7099,

 1.2812, 0.5010,

265.0093, 179.2055

0.0000

341.1508,
317.6851, 221.3954

■ 0.1691, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6253, 47.5274,
20.9411

■ 56.6253, 47.5274,
20.9411

■ 52.7276, 41.6434,
13.7499

■ 61.3139, 54.3543,
30.3672

■ 49.5665, 36.6502,
8.5997

■ 66.8357, 62.1585,
42.1942

■ 47.0855, 32.5006,
5.2675

■ 73.2335, 70.9811,
56.5754

■ 45.2142, 29.1385,
3.4710

■ 80.5464, 80.8588,
73.6505

■ 44.7248, 28.2298,
3.0916

■ 88.8106, 91.8262,
93.5489

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.



63.4335, 47.5274, 34.3503



56.6253, 47.5274, 20.9411



47.3313, 47.5274, 16.0400

Triad

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



56.6253, 47.5274, 20.9411



29.8190, 47.5274, 45.9002



52.4542, 47.5274, 113.5704

Complementary

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



56.6253, 47.5274, 20.9411



46.3105, 54.1950, 102.6272

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.



43.0820, 47.5274, 119.9009



56.6253, 47.5274, 20.9411



30.8040, 47.5274, 74.2100

Square

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



56.6253, 47.5274, 20.9411



32.4794, 47.5274, 26.9390



35.3800, 47.5274, 103.6019



60.8066, 47.5274, 88.4343

Rectangle

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



56.6253, 47.5274, 20.9411



41.2934, 47.5274, 16.4769



35.3800, 47.5274, 103.6019



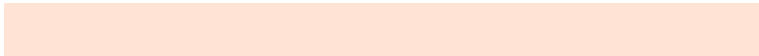
49.2890, 47.5274, 118.2532

Sweetspot

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



56.6264, 47.5298, 20.9420



80.4394, 80.7155, 73.3962



58.0378, 36.9009, 62.8819



16.8873, 16.8338, 14.9296



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.



56.6264, 47.5298, 20.9420



52.3318, 41.0312, 13.0647



72.5837, 79.4443, 26.2611



18.5215, 19.0113, 18.8377



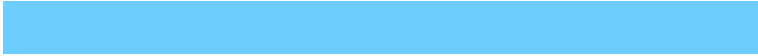
23.4945, 15.0001, 1.6570



2.3848, 1.6549, 0.1937

Inverse Universe

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



46.3105, 54.1950, 102.6272



41.0549, 48.1157, 101.7312



33.0289, 27.6318, 98.2000



17.9966, 19.3648, 23.0392



16.8024, 18.5143, 52.1226



1.7380, 2.0066, 5.1090

Previews

White Background



This preview shows how the XYZ color 56.6253, 47.5274, 20.9411 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 56.6253, 47.5274, 20.9411 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 56.6253, 47.5274, 20.9411

Background



This preview shows how black text looks on a background with the XYZ color 56.6253, 47.5274, 20.9411.



This preview shows how white text looks on a background with the XYZ color 56.6253, 47.5274,

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

56.6253, 47.5274, 20.9411

Protanopia

44.2897, 47.8922, 24.3626

Deuteranopia

48.7243, 47.5688, 20.5236



Tritanopia

59.8443, 47.4559, 42.0822

Trichromacy



Original Color

56.6253, 47.5274, 20.9411

Protanomaly

47.9976, 47.1365, 23.0915

Deuteranomaly

51.3424, 47.4943, 20.6486

Tritanomaly

58.4853, 47.4493, 33.2702

Monochromacy



Original Color

56.6253, 47.5274, 20.9411

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.6252, 46.6156, 37.9401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6253, 47.5274, 20.9411 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, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 110)  
}
```

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, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 110) }
```

Border

The CSS property to change the border of an element to XYZ 56.6253, 47.5274, 20.9411 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, 110) }
```


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

```
.border{ border-color:rgb(255, 160, 110) }
```

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, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 160, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 160, 110); box-shadow:4px 4px 4px 4px rgb(255, 160, 110) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6253, 47.5274, 20.9411 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, 110) }
```

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

```
.background{ background-color: rgb(255,  
160, 110) }
```

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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