

Converting Colors

XYZ(56.5705, 48.5073, 22.9098)

Have a look what the booklet for
XYZ(56.5705, 48.5073, 22.9098)
contains.

XYZ(56.5727, 48.5073, 22.9041)	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(56.5727, 48.5073,
22.9041)**

Conversions

Conversions Part 1

Format	Color
Hex	FCA474
RGB	252, 164, 116
RGB Percent	99%, 64%, 45%
CMY	0.0118, 0.3568, 0.5451
CMYK	0.00, 0.35, 0.54, 0.01
HSL	21°, 96%, 72%
HSV	21°, 54%, 99%
XYZ	56.5727, 48.5073, 22.9041
YIQ	184.8400, 67.8560, 3.7280

Conversions

Conversions Part 2

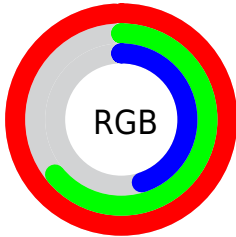
Format	Color
R _Y B	252, 190, 116
Decimal	16557172
CIE Lab	75.14, 27.73, 38.20
CIE LCh	75, 47.203, 54.023
Yxy	48.5073, 0.4420, 0.3790
Android (android.graphics.Color)	4294747252 (0xFFFC474)
YUV	184.8400, -33.9381, 58.8993
Hunter-Lab	69.6472, 23.1086, 29.2550

Details

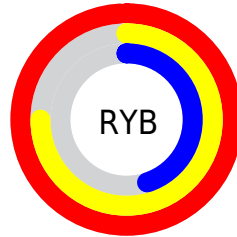
The XYZ color **56.5727, 48.5073, 22.9041** is a light color, and the websafe version is hex **FF9966**, and the color name is **pale persimmon (usugaki)**. A complement of this color would be **46.3647, 53.9243, 100.0598**, and the grayscale version is **46.1825, 48.5876, 52.9119**.

A 20% lighter version of the original color is **73.7329, 74.7876, 48.0854**, and **28.5455, 23.2001, 8.2837** is the 20% darker color. If you saturate the color by 10%, you get **52.5677, 42.5338, 15.2919**, and if you desaturate by 10%, it is **61.3517, 55.3929, 32.7363**.

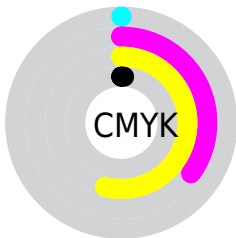
Distribution



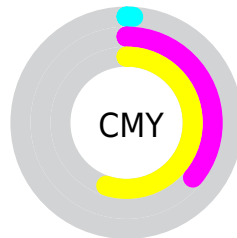
- Red (99%)
- Green (64%)
- Blue (45%)



- Red (99%)
- Yellow (75%)
- Blue (45%)



- Cyan (0%)
- Magenta (35%)
- Yellow (54%)
- Black (1%)





- Cyan (1%)
- Magenta (36%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5727, 48.5073, 22.9041 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 56.5727, 48.5073, 22.9041 by changing the saturation by 10% instead.


 56.5727, 48.5073,
22.9041


 56.5727, 48.5073,
22.9041


401.8863,
380.7994, 280.3380

 40.9011, 34.2288,
14.3181


 98.9764, 87.9592,
49.1570

 28.4291, 23.0694,
8.2010

 126.4392,
113.9015, 67.6610

 18.7915, 14.6448,
4.1342


 158.5631,
144.5004, 90.3080

 11.6228, 8.5705,
1.6992

195.7134,
180.1404, 117.5166

 6.5578, 4.4621,
0.3602

238.2555,
221.2060, 149.7054

 3.2310, 1.9353,
0.0000

286.5548,

 1.2770, 0.5694,

268.0814, 187.2929

0.0000

340.9766,
321.1511, 230.6975

■ 0.1659, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5727, 48.5073,
22.9041

■ 56.5727, 48.5073,
22.9041

■ 52.5677, 42.5338,
15.2919

■ 61.3517, 55.3929,
32.7363

■ 49.2862, 37.4236,
9.7187

■ 66.9438, 63.2218,
44.9445

■ 46.6759, 33.1339,
5.9789

■ 73.3894, 72.0323,
59.6735

■ 44.6742, 29.6140,
3.8210

■ 80.7251, 81.8584,
77.0558

43.7131, 27.8322,
3.0682

88.9851, 92.7325,
97.2146

93.9547, 99.4354,
108.8487

Harmonies

Analogous

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



63.0105, 48.5073, 35.7130



56.5727, 48.5073, 22.9041



47.8568, 48.5073, 18.2136

Triad

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



56.5727, 48.5073, 22.9041



31.4729, 48.5073, 48.0139



53.2066, 48.5073, 109.3055

Complementary

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



56.5727, 48.5073, 22.9041



46.3647, 53.9243, 100.0598

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.



44.3959, 48.5073, 115.7013



56.5727, 48.5073, 22.9041



32.5305, 48.5073, 74.6583

Square

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



56.5727, 48.5073, 22.9041



33.9213, 48.5073, 29.5001



37.0149, 48.5073, 101.4534



60.9035, 48.5073, 85.9997

Rectangle

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



56.5727, 48.5073, 22.9041



42.1939, 48.5073, 18.7899



37.0149, 48.5073, 101.4534



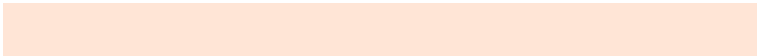
50.2501, 48.5073, 113.7561

Sweetspot

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



56.5739, 48.5097, 22.9050



81.3124, 81.9438, 75.2834



57.3374, 37.5654, 61.6076



17.0641, 17.0853, 15.3029



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.



56.5739, 48.5097, 22.9050



53.6056, 43.0893, 14.9981



72.0413, 79.4445, 28.0608



17.7458, 18.2275, 18.0453



22.8959, 14.7484, 1.6400



2.2162, 1.5572, 0.1838

Inverse Universe

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



46.3647, 53.9243, 100.0598



42.0451, 49.0587, 101.8610



33.6341, 28.4629, 95.8162



17.2201, 18.5171, 22.0519



16.1236, 17.6027, 50.5214



1.5930, 1.8297, 4.7124

Previews

White Background



This preview shows how the XYZ color 56.5727, 48.5073, 22.9041 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 56.5727, 48.5073, 22.9041 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 56.5727, 48.5073, 22.9041

Background



This preview shows how black text looks on a background with the XYZ color 56.5727, 48.5073, 22.9041.



This preview shows how white text looks on a background with the XYZ color 56.5727, 48.5073,

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

56.5727, 48.5073, 22.9041

Protanopia

45.0744, 48.5707, 26.0682

Deuteranopia

49.7541, 48.6441, 22.3897



Tritanopia

60.6283, 48.5783, 43.7172

Trichromacy



Original Color

56.5727, 48.5073, 22.9041

Protanomaly

48.6885, 48.0404, 24.7957

Deuteranomaly

52.0507, 48.3821, 22.5149

Tritanomaly

58.9489, 48.4145, 35.0921

Monochromacy



Original Color

56.5727, 48.5073, 22.9041

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.3618, 47.5377, 39.8844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5727, 48.5073, 22.9041 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(252, 164, 116)` looks like.

```
.text, #text, p{  
    color:rgb(252, 164, 116)  
}
```

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(252, 164, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 164, 116) }
```

Border

The CSS property to change the border of an element to XYZ 56.5727, 48.5073, 22.9041 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(252, 164, 116) }
```


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

```
.border{ border-color:rgb(252, 164, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 164, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 164, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 164, 116);  
box-shadow:4px 4px 4px 4px rgb(252, 164,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5727, 48.5073, 22.9041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 164, 116) }
```

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

```
.background{ background-color: rgb(252,  
164, 116) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor