

Converting Colors

XYZ(52.0732, 43.6375, 19.5458)

Have a look what the booklet for
XYZ(52.0732, 43.6375, 19.5458)
contains.

XYZ(52.2155, 43.7656, 19.6055)	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(52.2155, 43.7656,
19.6055)**

Conversions

Conversions Part 1

Format	Color
Hex	F69A6B
RGB	246, 154, 107
RGB Percent	96%, 60%, 42%
CMY	0.0353, 0.3961, 0.5804
CMYK	0.00, 0.37, 0.57, 0.04
HSL	20°, 89%, 69%
HSV	20°, 57%, 96%
XYZ	52.2155, 43.7656, 19.6055
YIQ	176.1500, 69.9190, 4.8870

Conversions

Conversions Part 2

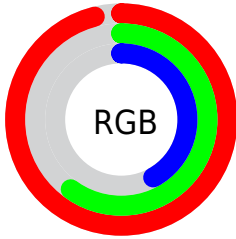
Format	Color
R _Y B	246, 178, 107
Decimal	16161387
CIE Lab	72.07, 29.88, 38.91
CIE LCh	72, 49.062, 52.475
Yxy	43.7656, 0.4517, 0.3786
Android (android.graphics.Color)	4294351467 (0xFFFF69A6B)
YUV	176.1500, -34.0909, 61.2584
Hunter-Lab	66.1556, 25.1148, 28.7380

Details

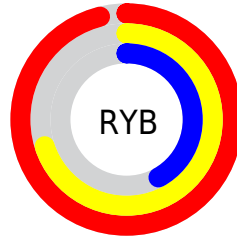
The XYZ color **52.2155, 43.7656, 19.6055** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **43.1202, 50.6239, 94.6871**, and the grayscale version is **41.4929, 43.6538, 47.5390**.

A 20% lighter version of the original color is **70.2985, 69.3641, 42.4844**, and **25.7648, 20.2473, 6.5532** is the 20% darker color. If you saturate the color by 10%, you get **48.5934, 38.3065, 12.8958**, and if you desaturate by 10%, it is **56.5723, 50.1053, 28.3768**.

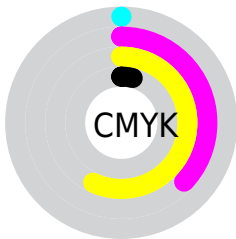
Distribution



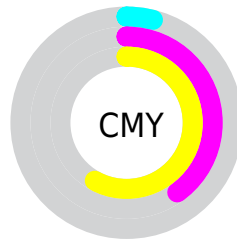
- Red (96%)
- Green (60%)
- Blue (42%)



- Red (96%)
- Yellow (70%)
- Blue (42%)



- Cyan (0%)
- Magenta (37%)
- Yellow (57%)
- Black (4%)



- Cyan (4%)
- Magenta (40%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2155, 43.7656, 19.6055 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 52.2155, 43.7656, 19.6055 by changing the saturation by 10% instead.

52.2155, 43.7656,
19.6055

52.2155, 43.7656,
19.6055

385.5783,
361.7509, 262.3046

37.4018, 30.4863,
11.9274

92.6213, 80.8649,
43.6050

25.6939, 20.2080,
6.5723

118.9442,
105.4537, 60.7635

16.7262, 12.5463,
3.1217

149.8342,
134.5811, 81.9192

10.1336, 7.1169,
1.1571

185.6566,
168.6315, 107.4906

5.5506, 3.5353,
0.0000

226.7769,
207.9892, 137.8963

2.6118, 1.4172,
0.0000

273.5604,

0.9520, 0.2293,

253.0388, 173.5549

0.0000

326.3724,
304.1646, 214.8848

■ 0.0000, 0.0000,
0.0000

■ 52.2155, 43.7656,
19.6055

■ 52.2155, 43.7656,
19.6055

■ 48.5934, 38.3065,
12.8958

■ 56.5723, 50.1053,
28.3768

■ 45.6561, 33.6794,
8.0710

■ 61.7027, 57.3578,
39.3612

■ 43.3515, 29.8403,
4.9286

■ 67.6465, 65.5617,
52.6987

■ 41.6157, 26.7369,
3.2144

■ 74.4395, 74.7512,
68.5171

■ 41.1137, 25.8084,
2.8146

■ 82.1153, 84.9586,
86.9347

90.7057, 96.2149,
108.0623

91.8159, 98.3327,
108.7486

Harmonies

Analogous

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



58.3520, 43.7656, 32.0868



52.2155, 43.7656, 19.6055



43.7460, 43.7656, 14.9626

Triad

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



52.2155, 43.7656, 19.6055



27.5696, 43.7656, 41.8565



48.0731, 43.7656, 104.3471

Complementary

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



52.2155, 43.7656, 19.6055



43.1202, 50.6239, 94.6871

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.



39.5213, 43.7656, 109.6806



52.2155, 43.7656, 19.6055



28.4035, 43.7656, 67.5818

Square

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



52.2155, 43.7656, 19.6055



30.0729, 43.7656, 24.6921



32.5270, 43.7656, 94.4754



55.7450, 43.7656, 81.6887

Rectangle

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



52.2155, 43.7656, 19.6055



38.2103, 43.7656, 15.2849



32.5270, 43.7656, 94.4754



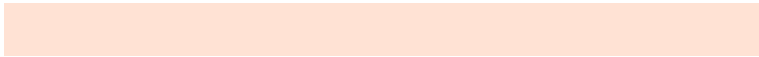
45.1800, 43.7656, 108.4774

Sweetspot

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



52.2166, 43.7678, 19.6063



80.3602, 80.5572, 73.3698



53.6502, 34.2631, 58.2255



16.8688, 16.7967, 14.9234



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.



52.2166, 43.7678, 19.6063



52.1609, 40.6893, 13.0077



67.0029, 73.3406, 24.5351



16.9571, 17.3984, 17.2620



22.0609, 14.0075, 1.5410



2.0302, 1.4136, 0.1659

Inverse Universe

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



43.1202, 50.6239, 94.6871



41.3164, 48.6388, 101.8184



30.7031, 25.7897, 90.5481



16.4972, 17.7587, 21.1008



15.9866, 17.7669, 49.1248



1.4999, 1.7511, 4.3492

Previews

White Background



This preview shows how the XYZ color 52.2155, 43.7656, 19.6055 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 52.2155, 43.7656, 19.6055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

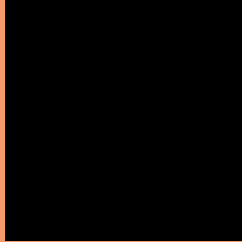
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2155, 43.7656, 19.6055

Background



This preview shows how black text looks on a background with the XYZ color 52.2155, 43.7656, 19.6055.



This preview shows how white text looks on a background with the XYZ color 52.2155, 43.7656,

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

52.2155, 43.7656, 19.6055

Protanopia

40.6128, 43.9117, 22.8583

Deuteranopia

44.7110, 43.8225, 19.1988



Tritanopia

56.0296, 43.6601, 37.8219

Trichromacy



Original Color

52.2155, 43.7656, 19.6055

Protanomaly

44.3200, 43.5652, 21.6958

Deuteranomaly

47.1893, 43.7396, 19.3200

Tritanomaly

54.6335, 43.8165, 30.0040

Monochromacy



Original Color

52.2155, 43.7656, 19.6055

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.6759, 42.6571, 35.2098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2155, 43.7656, 19.6055 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(246, 154, 107)` looks like.

```
.text, #text, p{  
    color:rgb(246, 154, 107)  
}
```

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(246, 154, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 154, 107) }
```

Border

The CSS property to change the border of an element to XYZ 52.2155, 43.7656, 19.6055 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(246, 154, 107) }
```


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

```
.border{ border-color:rgb(246, 154, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 154, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 154, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 154, 107);  
box-shadow:4px 4px 4px 4px rgb(246, 154,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2155, 43.7656, 19.6055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 154, 107) }
```

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

```
.background{ background-color: rgb(246,  
154, 107) }
```

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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