

Converting Colors

XYZ(65.9892, 56.0293, 22.9655)

Have a look what the booklet for
XYZ(65.9892, 56.0293, 22.9655)
contains.

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Color

**XYZ(59.3567, 52.7244,
22.6712)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAE71
RGB	255, 174, 113
RGB Percent	100%, 68%, 44%
CMY	0.0000, 0.3176, 0.5569
CMYK	0.00, 0.32, 0.56, 0.00
HSL	26°, 100%, 72%
HSV	26°, 56%, 100%
XYZ	59.3567, 52.7244, 22.6712
YIQ	191.2650, 67.8570, -1.7990

Conversions

Conversions Part 2

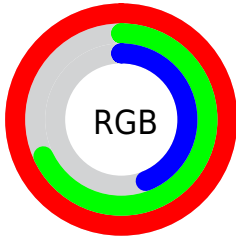
Format	Color
R_{YB}	255, 220, 113
Decimal	16756337
CIE _{Lab}	77.71, 23.45, 43.03
CIE _{LCh}	78, 49.006, 61.413
Yxy	52.7244, 0.4405, 0.3913
Android (android.graphics.Color)	4294946417 (0xFFFFAE71)
YUV	191.2650, -38.5846, 55.8956
Hunter-Lab	72.6116, 18.8455, 32.3162

Details

The XYZ color **59.3567, 52.7244, 22.6712** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **44.1508, 49.3119, 101.7984**, and the grayscale version is **49.8658, 52.4627, 57.1319**.

A 20% lighter version of the original color is **76.4197, 80.6068, 47.6073**, and **30.2403, 25.6357, 8.0570** is the 20% darker color. If you saturate the color by 10%, you get **55.4585, 46.9119, 15.2567**, and if you desaturate by 10%, it is **63.9650, 59.3121, 32.3128**.

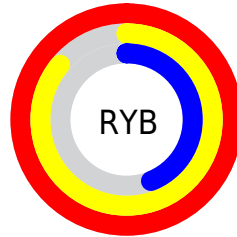
Distribution



Red (100%)

Green (68%)

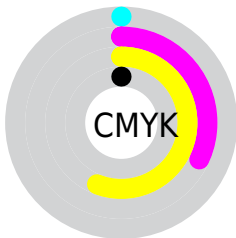
Blue (44%)



Red (100%)

Yellow (86%)

Blue (44%)

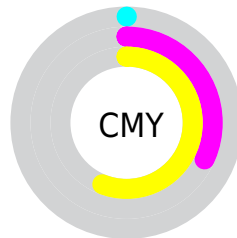


Cyan (0%)

Magenta (32%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3567, 52.7244, 22.6712 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 59.3567, 52.7244, 22.6712 by changing the saturation by 10% instead.


 59.3567, 52.7244,
22.6712


 59.3567, 52.7244,
22.6712


412.0953,
397.2269, 279.0987


 43.1478, 37.5828,
14.1479


 103.0076, 94.1987,
48.7692


 30.1961, 25.6591,
8.0837


 131.1803,
121.3002, 67.1810

 20.1363, 16.5687,
4.0600

 164.0716,
153.1571, 89.7260

 12.6030, 9.9275,
1.6583

 202.0469,
190.1539, 116.8228

 7.2309, 5.3509,
0.3319

245.4716,
232.6748, 148.8899

 3.6545, 2.4546,
0.0000

294.7110,

 1.5086, 0.8538,

281.1044, 186.3459

0.0000

350.1305,
335.8269, 229.6093

■ 0.3317, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3567, 52.7244,
22.6712

■ 59.3567, 52.7244,
22.6712

■ 55.4585, 46.9119,
15.2567

■ 63.9650, 59.3121,
32.3128

■ 52.2222, 41.8334,
9.8800

■ 69.3195, 66.6977,
44.3433

■ 49.5983, 37.4551,
6.3250

■ 75.4581, 74.9127,
58.9127

■ 47.5259, 33.7353,
4.3234

■ 82.4147, 83.9841,
76.1580

■ 46.7676, 32.3155,
3.7726

■ 90.2210, 93.9377,
96.2060

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.



67.3463, 52.7244, 34.2592



59.3567, 52.7244, 22.6712



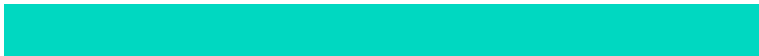
49.6644, 52.7244, 19.4211

Triad

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



59.3567, 52.7244, 22.6712



34.0012, 52.7244, 58.7060



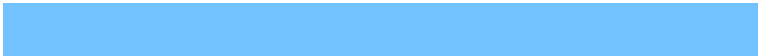
60.2333, 52.7244, 114.5229

Complementary

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



59.3567, 52.7244, 22.6712



44.1508, 49.3119, 101.7984

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.



50.5642, 52.7244, 127.0623



59.3567, 52.7244, 22.6712



36.1030, 52.7244, 89.1646

Square

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



59.3567, 52.7244, 22.6712



35.7427, 52.7244, 35.8654



41.8825, 52.7244, 116.5768



67.8956, 52.7244, 86.2051

Rectangle

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



59.3567, 52.7244, 22.6712



43.7445, 52.7244, 21.2167



41.8825, 52.7244, 116.5768



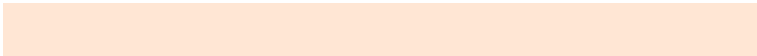
57.0713, 52.7244, 121.0624

Sweetspot

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



59.3580, 52.7270, 22.6722



81.4527, 82.7421, 73.7339



57.0901, 37.0486, 56.2676



17.1255, 17.3101, 15.0089



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.



59.3580, 52.7270, 22.6722



54.9965, 46.2032, 14.4378



76.3209, 86.6530, 28.3265



18.6511, 19.2703, 18.8809



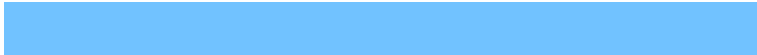
24.5785, 17.1683, 2.0184



2.4990, 1.8834, 0.2318

Inverse Universe

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



44.1508, 49.3119, 101.7984



38.3656, 42.4038, 100.7704



32.1730, 25.3563, 97.8058



17.8631, 19.0978, 22.9947



14.9092, 14.7280, 51.4916



1.5602, 1.6511, 5.0497

Previews

White Background



This preview shows how the XYZ color 59.3567, 52.7244, 22.6712 looks on a white background.

Color Contrast Check

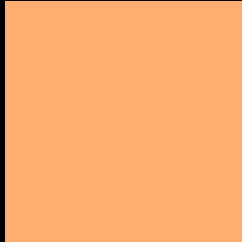
Large Text (above 18pt) WCAG AA × Fail

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 59.3567, 52.7244, 22.6712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

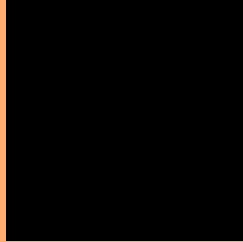
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3567, 52.7244, 22.6712

Background



This preview shows how black text looks on a background with the XYZ color 59.3567, 52.7244, 22.6712.



This preview shows how white text looks on a background with the XYZ color 59.3567, 52.7244,

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

59.3567, 52.7244, 22.6712

Protanopia

48.8181, 52.7570, 25.3794

Deuteranopia

53.9414, 52.9211, 22.4107



Tritanopia

63.4809, 52.5606, 49.9794

Trichromacy



Original Color

59.3567, 52.7244, 22.6712

Protanomaly

51.9239, 52.1510, 24.1591

Deuteranomaly

55.8638, 52.6896, 22.5550

Tritanomaly

61.6155, 52.4098, 38.3211

Monochromacy



Original Color

59.3567, 52.7244, 22.6712

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.6914, 51.6384, 41.8931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3567, 52.7244, 22.6712 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, 174, 113)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 113)  
}
```

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, 174, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 113) }
```

Border

The CSS property to change the border of an element to XYZ 59.3567, 52.7244, 22.6712 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, 174, 113) }
```


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

```
.border{ border-color:rgb(255, 174, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 113);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3567, 52.7244, 22.6712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 113) }
```

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

```
.background{ background-color: rgb(255,  
174, 113) }
```

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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