

Converting Colors

XYZ(52.9202, 44.5001, 23.9570)

Have a look what the booklet for
XYZ(52.9202, 44.5001, 23.9570)
contains.

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Color

**XYZ(52.9958, 44.5699,
23.8988)**

Conversions

Conversions Part 1

Format	Color
Hex	F59C79
RGB	245, 156, 121
RGB Percent	96%, 61%, 47%
CMY	0.0392, 0.3882, 0.5255
CMYK	0.00, 0.36, 0.51, 0.04
HSL	17°, 86%, 72%
HSV	17°, 51%, 96%
XYZ	52.9958, 44.5699, 23.8988
YIQ	178.6210, 64.2790, 7.9830

Conversions

Conversions Part 2

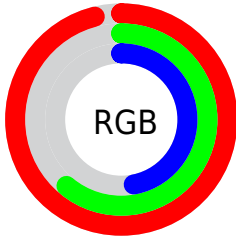
Format	Color
RYB	245, 170, 121
Decimal	16096377
CIELab	72.61, 29.60, 32.13
CIElCh	73, 43.687, 47.344
Yxy	44.5699, 0.4363, 0.3669
Android (android.graphics.Color)	4294286457 (0xFFFF59C79)
YUV	178.6210, -28.4072, 58.2144
Hunter-Lab	66.7607, 24.8652, 25.5080

Details

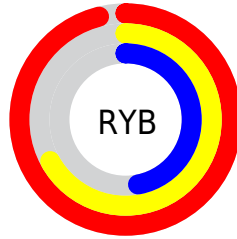
The XYZ color **52.9958, 44.5699, 23.8988** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **47.4118, 56.7478, 94.8403**, and the grayscale version is **42.7695, 44.9968, 49.0015**.

A 20% lighter version of the original color is **72.1742, 70.9045, 49.9263**, and **26.1276, 20.6828, 8.7460** is the 20% darker color. If you saturate the color by 10%, you get **48.9398, 38.5649, 16.0521**, and if you desaturate by 10%, it is **57.8626, 51.5863, 33.8986**.

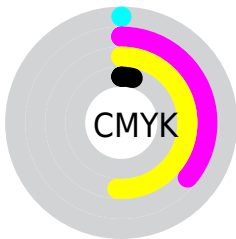
Distribution



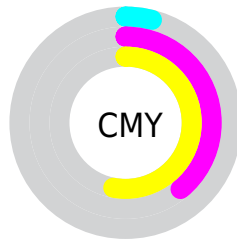
- Red (96%)
- Green (61%)
- Blue (47%)



- Red (96%)
- Yellow (67%)
- Blue (47%)



- Cyan (0%)
- Magenta (36%)
- Yellow (51%)
- Black (4%)




- Cyan (4%)
- Magenta (39%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9958, 44.5699, 23.8988 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 52.9958, 44.5699, 23.8988 by changing the saturation by 10% instead.


 52.9958, 44.5699,
23.8988


 52.9958, 44.5699,
23.8988


388.5301,
365.0288, 285.5785


 38.0269, 31.1188,
15.0471


 93.7638, 82.0746,
50.8068

 26.1809, 20.6893,
8.7054


 120.2935,
106.8970, 69.7001

 17.0924, 12.8971,
4.4554


 151.4076,
136.2786, 92.7777

 10.3961, 7.3577,
1.8783

187.4713,
170.6039, 120.4580

 5.7266, 3.6868,
0.4789

228.8501,
210.2571, 153.1598

 2.7186, 1.5000,
0.0000

275.9092,

 1.0068, 0.2887,

255.6228, 191.3014

0.0000

329.0141,
307.0852, 235.3015

■ 0.0000, 0.0000,
0.0000

■ 52.9958, 44.5699,
23.8988

■ 52.9958, 44.5699,
23.8988

■ 48.9398, 38.5649,
16.0521

■ 57.8626, 51.5863,
33.8986

■ 45.6437, 33.5162,
10.1947

■ 63.5805, 59.6522,
46.1938

■ 43.0551, 29.3733,
6.1430

■ 70.1909, 68.8119,
60.9171

■ 41.1124, 26.0777,
3.6773

■ 77.7314, 79.1051,
78.1906

■ 39.7943, 23.6890,
2.4750

■ 86.2373, 90.5695,
98.1278

91.4660, 98.1524,
108.7323

Harmonies

Analogous

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



57.8086, 44.5699, 37.1462



52.9958, 44.5699, 23.8988



45.6279, 44.5699, 18.1877

Triad

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



52.9958, 44.5699, 23.8988



29.7027, 44.5699, 39.9668



46.8453, 44.5699, 100.1035

Complementary

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



52.9958, 44.5699, 23.8988



47.4118, 56.7478, 94.8403

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.



39.2564, 44.5699, 101.5383



52.9958, 44.5699, 23.8988



29.9462, 44.5699, 62.0279

Square

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



52.9958, 44.5699, 23.8988



32.5456, 44.5699, 25.4319



33.2558, 44.5699, 86.0377



53.9779, 44.5699, 82.5588

Rectangle

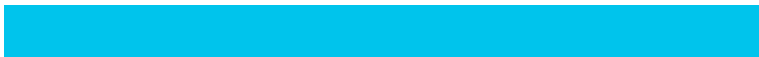
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.9958, 44.5699, 23.8988



40.5313, 44.5699, 17.8416



33.2558, 44.5699, 86.0377



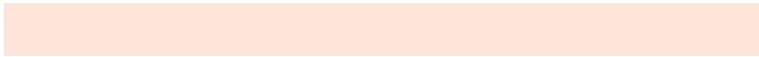
44.2478, 44.5699, 102.6385

Sweetspot

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



52.9969, 44.5721, 23.8996



81.3512, 81.4953, 76.9178



56.3688, 37.8376, 66.5757



17.0414, 16.9364, 15.6145



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.



52.9969, 44.5721, 23.8996



53.3907, 41.9235, 17.1955



65.6802, 69.9387, 28.1274



16.8800, 17.2442, 17.2363



21.5389, 12.9634, 1.3670



1.9766, 1.3065, 0.1480

Inverse Universe

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



47.4118, 56.7478, 94.8403



46.5608, 56.5299, 103.0651



35.2626, 32.4493, 90.7906



16.5783, 17.9208, 21.1279



17.3486, 20.4910, 49.5788



1.6116, 1.9747, 4.3864

Previews

White Background



This preview shows how the XYZ color 52.9958, 44.5699, 23.8988 looks on a white background.

Color Contrast Check

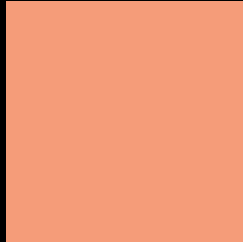
Large Text (above 18pt) WCAG AA × Fail

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 52.9958, 44.5699, 23.8988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

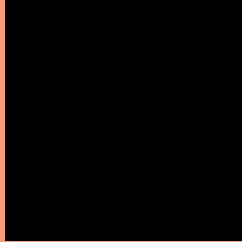
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9958, 44.5699, 23.8988

Background



This preview shows how black text looks on a background with the XYZ color 52.9958, 44.5699, 23.8988.



This preview shows how white text looks on a background with the XYZ color 52.9958, 44.5699,

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

52.9958, 44.5699, 23.8988

Protanopia

41.6879, 44.6590, 27.5419

Deuteranopia

45.5645, 44.7300, 23.3718



Tritanopia

56.1393, 44.3778, 39.7893

Trichromacy



Original Color

52.9958, 44.5699, 23.8988

Protanomaly

45.0695, 44.1306, 26.2213

Deuteranomaly

48.0173, 44.6119, 23.5329

Tritanomaly

54.8525, 44.3372, 33.2707

Monochromacy



Original Color

52.9958, 44.5699, 23.8988

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.3631, 44.2910, 38.5059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9958, 44.5699, 23.8988 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(245, 156, 121)` looks like.

```
.text, #text, p{  
    color:rgb(245, 156, 121)  
}
```

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(245, 156, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 156, 121) }
```

Border

The CSS property to change the border of an element to XYZ 52.9958, 44.5699, 23.8988 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(245, 156, 121) }
```


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

```
.border{ border-color:rgb(245, 156, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 156, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 156, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 156, 121);  
box-shadow:4px 4px 4px 4px rgb(245, 156,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9958, 44.5699, 23.8988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 156, 121) }
```

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

```
.background{ background-color: rgb(245,  
156, 121) }
```

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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