

Converting Colors

XYZ(56.1283, 45.8433, 28.7024)

Have a look what the booklet for
XYZ(56.1283, 45.8433, 28.7024)
contains.

XYZ(56.2394, 45.8874, 28.8147)	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(56.2394, 45.8874,
28.8147)**

Conversions

Conversions Part 1

Format	Color
Hex	FC9B87
RGB	252, 155, 135
RGB Percent	99%, 61%, 53%
CMY	0.0118, 0.3921, 0.4706
CMYK	0.00, 0.38, 0.46, 0.01
HSL	10°, 95%, 76%
HSV	10°, 46%, 99%
XYZ	56.2394, 45.8874, 28.8147
YIQ	181.7230, 64.2320, 14.3440

Conversions

Conversions Part 2

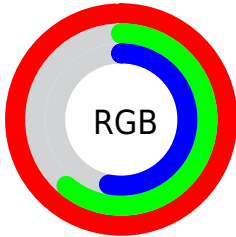
Format	Color
R_{YB}	252, 159, 135
Decimal	16554887
CIE _{Lab}	73.47, 34.11, 25.86
CIE _{LCh}	73, 42.800, 37.168
Yxy	45.8874, 0.4295, 0.3504
Android (android.graphics.Color)	4294744967 (0xFFFC9B87)
YUV	181.7230, -23.0344, 61.6329
Hunter-Lab	67.7402, 29.6491, 22.1979

Details

The XYZ color **56.2394, 45.8874, 28.8147** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.4175, 69.8892, 102.6117**, and the grayscale version is **44.4107, 46.7235, 50.8819**.

A 20% lighter version of the original color is **73.3637, 70.9840, 57.4116**, and **28.1293, 21.3651, 11.2356** is the 20% darker color. If you saturate the color by 10%, you get **51.4896, 38.8991, 19.4897**, and if you desaturate by 10%, it is **62.0129, 54.2512, 40.5532**.

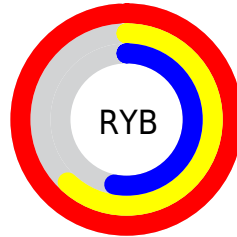
Distribution



Red (99%)

Green (61%)

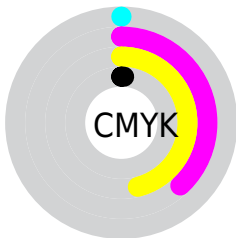
Blue (53%)



Red (99%)

Yellow (62%)

Blue (53%)

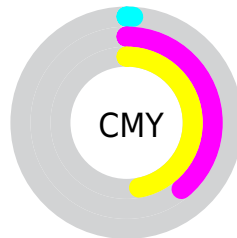


Cyan (0%)

Magenta (38%)

Yellow (46%)

Black (1%)



Cyan (1%)


Magenta (39%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2394, 45.8874, 28.8147 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 56.2394, 45.8874, 28.8147 by changing the saturation by 10% instead.


 56.2394, 45.8874,
28.8147

 56.2394, 45.8874,
28.8147


400.6535,
370.3558, 310.3732


 40.6327, 32.1570,
18.6963


 98.4923, 84.0505,
58.8212

 28.2186, 21.4814,
11.2765

 125.8692,
109.2519, 79.5464

 18.6318, 13.4764,
6.1366


 157.9001,
139.0458, 104.6443

 11.5069, 7.7574,
2.8582

194.9505,
173.8165, 134.5335

 6.4787, 3.9401,
1.0227

237.3857,
213.9485, 169.6324

 3.1817, 1.6401,
0.0000

285.5710,

 1.2506, 0.3844,

259.8261, 210.3596

0.0000

339.8718,
311.8337, 257.1337

■ 0.1457, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2394, 45.8874,
28.8147

■ 56.2394, 45.8874,
28.8147

■ 51.4896, 38.8991,
19.4897

■ 62.0129, 54.2512,
40.5532

■ 47.6989, 33.2055,
12.4068

■ 68.8625, 64.0519,
54.8552

■ 44.8008, 28.7276,
7.3762

■ 76.8412, 75.3556,
71.8614

■ 42.7179, 25.3751,
4.1750

■ 85.9973, 88.2221,
91.7016

■ 41.3584, 23.0438,
2.5266

93.9548, 99.4354,
108.8487

■ 41.0119, 22.4297,
2.1678

Harmonies

Analogous

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



59.6668, 45.8874, 44.9519



56.2394, 45.8874, 28.8147



49.4953, 45.8874, 20.6006

Triad

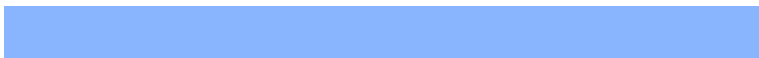
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.2394, 45.8874, 28.8147



31.5536, 45.8874, 35.5015



45.4518, 45.8874, 103.6266

Complementary

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



56.2394, 45.8874, 28.8147



56.4175, 69.8892, 102.6117

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.



38.2192, 45.8874, 98.9287



56.2394, 45.8874, 28.8147



30.7353, 45.8874, 55.3346

Square

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



56.2394, 45.8874, 28.8147



35.4167, 45.8874, 23.6110



33.0364, 45.8874, 79.5355



52.9889, 45.8874, 90.9697

Rectangle

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



56.2394, 45.8874, 28.8147



44.3360, 45.8874, 18.8742



33.0364, 45.8874, 79.5355



42.9011, 45.8874, 104.0733

Sweetspot

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



56.2406, 45.8897, 28.8156



81.1004, 80.4596, 78.4809



63.4456, 43.8784, 81.8422



16.9450, 16.6384, 15.9064



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.



56.2406, 45.8897, 28.8156



53.0672, 40.2170, 20.3534



68.3124, 70.0333, 32.8395



17.4844, 17.7047, 17.9582



21.4356, 11.8279, 1.1532



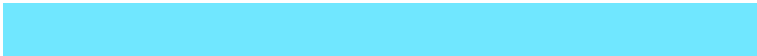
2.0504, 1.2257, 0.1285

Inverse Universe

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



56.4175, 69.8892, 102.6117



53.2168, 67.5963, 104.8503



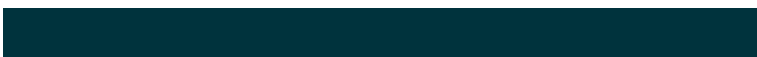
42.6987, 42.4517, 98.0388



17.4985, 19.0737, 22.1446



21.1142, 27.5840, 52.1850



2.0200, 2.6837, 4.8547

Previews

White Background



This preview shows how the XYZ color 56.2394, 45.8874, 28.8147 looks on a white background.

Color Contrast Check

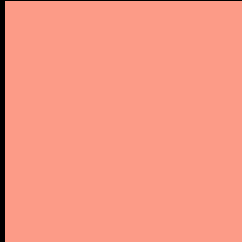
Large Text (above 18pt) WCAG AA × Fail

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 56.2394, 45.8874, 28.8147 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 56.2394, 45.8874, 28.8147

Background



This preview shows how black text looks on a background with the XYZ color 56.2394, 45.8874, 28.8147.



This preview shows how white text looks on a background with the XYZ color 56.2394, 45.8874,

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

56.2394, 45.8874, 28.8147

Protanopia

43.5286, 46.3608, 34.2581

Deuteranopia

46.8400, 45.8492, 28.2108



Tritanopia

58.4612, 45.8127, 39.9439

Trichromacy



Original Color

56.2394, 45.8874, 28.8147

Protanomaly

47.4420, 45.7844, 32.3234

Deuteranomaly

49.8648, 45.4599, 28.3368

Tritanomaly

57.4037, 45.6061, 35.4831

Monochromacy



Original Color

56.2394, 45.8874, 28.8147

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

47.2762, 45.4871, 41.8855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2394, 45.8874, 28.8147 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, 155, 135)` looks like.

```
.text, #text, p{  
    color:rgb(252, 155, 135)  
}
```

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, 155, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 155, 135) }
```

Border

The CSS property to change the border of an element to XYZ 56.2394, 45.8874, 28.8147 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, 155, 135) }
```


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

```
.border{ border-color:rgb(252, 155, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 155, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 155, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 155, 135);  
box-shadow:4px 4px 4px 4px rgb(252, 155,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2394, 45.8874, 28.8147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 155, 135) }
```

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

```
.background{ background-color: rgb(252,  
155, 135) }
```

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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