

Converting Colors

XYZ(67.9588, 48.9536, 28.7993)

Have a look what the booklet for
XYZ(67.9588, 48.9536, 28.7993)
contains.

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Color

**XYZ(55.2862, 42.3553,
28.1832)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8E87
RGB	255, 142, 135
RGB Percent	100%, 56%, 53%
CMY	0.0000, 0.4431, 0.4706
CMYK	0.00, 0.44, 0.47, 0.00
HSL	4°, 100%, 76%
HSV	4°, 47%, 100%
XYZ	55.2862, 42.3553, 28.1832
YIQ	174.9890, 69.5950, 21.7790

Conversions

Conversions Part 2

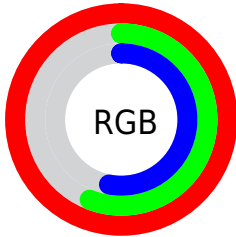
Format	Color
R _Y B	255, 142, 135
Decimal	16748167
CIE Lab	71.12, 41.88, 22.74
CIE LCh	71, 47.656, 28.499
Yxy	42.3553, 0.4394, 0.3366
Android (android.graphics.Color)	4294938247 (0xFFFF8E87)
YUV	174.9890, -19.7146, 70.1696
Hunter-Lab	65.0809, 37.7439, 19.8812

Details

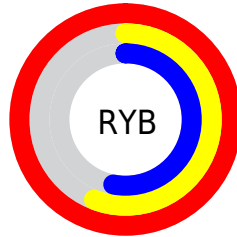
The XYZ color **55.2862, 42.3553, 28.1832** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.6072, 79.5018, 106.7058**, and the grayscale version is **40.8166, 42.9423, 46.7641**.

A 20% lighter version of the original color is **70.2834, 64.8233, 56.3848**, and **27.7177, 19.4027, 10.8785** is the 20% darker color. If you saturate the color by 10%, you get **50.5053, 35.3309, 18.7675**, and if you desaturate by 10%, it is **61.2686, 51.0948, 40.1211**.

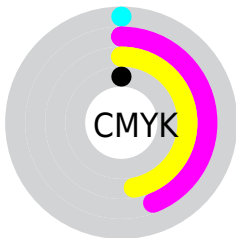
Distribution



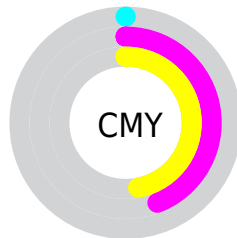
- Red (100%)
- Green (56%)
- Blue (53%)



- Red (100%)
- Yellow (56%)
- Blue (53%)



- Cyan (0%)
- Magenta (44%)
- Yellow (47%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2862, 42.3553, 28.1832 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 55.2862, 42.3553, 28.1832 by changing the saturation by 10% instead.


 55.2862, 42.3553,
28.1832


 55.2862, 42.3553,
28.1832


397.1147,
355.9537, 307.2807


 39.8657, 29.3796,
18.2236


 97.1060, 78.7371,
57.8034

 27.6176, 19.3682,
10.9395


 124.2360,
102.9119, 78.3011

 18.1765, 11.9366,
5.9125


 155.9999,
131.5886, 103.1485

 11.1773, 6.7005,
2.7240

192.7630,
165.1516, 132.7642

 6.2544, 3.2755,
0.9555

234.8907,
203.9852, 167.5667

 3.0425, 1.2772,
0.0000

282.7483,

 1.1763, 0.1235,

248.4738, 207.9746

0.0000

336.7012,
299.0018, 254.4064

■ 0.0875, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2862, 42.3553,
28.1832

■ 55.2862, 42.3553,
28.1832

■ 50.5053, 35.3309,
18.7675

■ 61.2686, 51.0948,
40.1211

■ 46.8416, 29.9028,
11.6908

■ 68.5228, 61.6450,
54.7422

■ 44.2050, 25.9476,
6.7487

■ 77.1176, 74.1021,
72.1965

■ 42.4900, 23.3209,
3.7008

■ 87.1158, 88.5538,
92.6227

■ 41.5670, 21.8484, 95.0499, 99.9999,
2.2417 108.9000

■ 41.4091, 21.5984,
1.9864

Harmonies

Analogous

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



57.6062, 42.3553, 47.2772



55.2862, 42.3553, 28.1832



48.8093, 42.3553, 17.9016

Triad

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



55.2862, 42.3553, 28.1832



28.5517, 42.3553, 26.7731



39.8573, 42.3553, 105.3905

Complementary

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



55.2862, 42.3553, 28.1832



61.6072, 79.5018, 106.7058

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.



32.7678, 42.3553, 94.5848



55.2862, 42.3553, 28.1832



26.7967, 42.3553, 44.9774

Square

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



55.2862, 42.3553, 28.1832



33.3778, 42.3553, 17.2967



28.2336, 42.3553, 70.3942



48.0228, 42.3553, 96.4531

Rectangle

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



55.2862, 42.3553, 28.1832



43.3916, 42.3553, 15.0898



28.2336, 42.3553, 70.3942



37.2780, 42.3553, 103.8945

Sweetspot

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



55.2873, 42.3575, 28.1840



80.0238, 78.3064, 78.1220



67.0029, 45.4278, 94.8594



16.6866, 16.1218, 15.8203



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.



55.2873, 42.3575, 28.1840



50.9571, 35.9969, 19.6500



66.4999, 64.7827, 31.9215



18.0945, 18.1571, 18.6953



21.6704, 11.3520, 1.0490



2.1385, 1.1624, 0.1117

Inverse Universe

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



61.6072, 79.5018, 106.7058



57.9152, 76.9932, 106.4165



46.2395, 48.7664, 101.5833



18.4587, 20.2890, 23.1932



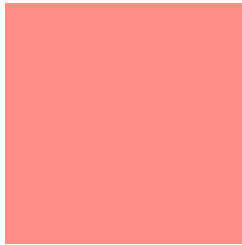
25.7697, 36.4489, 55.1117



2.5356, 3.6020, 5.3749

Previews

White Background



This preview shows how the XYZ color 55.2862, 42.3553, 28.1832 looks on a white background.

Color Contrast Check

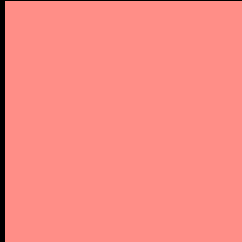
Large Text (above 18pt) WCAG AA × Fail

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 55.2862, 42.3553, 28.1832 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 55.2862, 42.3553, 28.1832

Background



This preview shows how black text looks on a background with the XYZ color 55.2862, 42.3553, 28.1832.



This preview shows how white text looks on a background with the XYZ color 55.2862, 42.3553,

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

55.2862, 42.3553, 28.1832

Protanopia

40.1695, 42.5414, 34.9483

Deuteranopia

43.3690, 42.3979, 27.3706



Tritanopia

56.1231, 42.2182, 34.0451

Trichromacy



Original Color

55.2862, 42.3553, 28.1832

Protanomaly

44.3257, 41.4403, 32.4506

Deuteranomaly

47.1322, 41.9670, 27.4461

Tritanomaly

55.8757, 42.3541, 32.0182

Monochromacy



Original Color

55.2862, 42.3553, 28.1832

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

44.3442, 41.5698, 38.9443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2862, 42.3553, 28.1832 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, 142, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 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(255, 142, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 135) }
```

Border

The CSS property to change the border of an element to XYZ 55.2862, 42.3553, 28.1832 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, 142, 135) }
```


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

```
.border{ border-color:rgb(255, 142, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 142, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2862, 42.3553, 28.1832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 135) }
```

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

```
.background{ background-color: rgb(255,  
142, 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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