

Converting Colors

XYZ(55.2880, 47.0178, 36.2983)

Have a look what the booklet for
XYZ(55.2880, 47.0178, 36.2983)
contains.

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Color

**XYZ(55.2880, 47.0178,
36.2983)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F2A299 |
| RGB | 242, 162, 153 |
| RGB Percent | 95%, 64%, 60% |
| CMY | 0.0510, 0.3647, 0.4000 |
| CMYK | 0.00, 0.33, 0.37, 0.05 |
| HSL | 6°, 77%, 77% |
| HSV | 6°, 37%, 95% |
| XYZ | 55.2880, 47.0178, 36.2983 |
| YIQ | 184.8940, 50.5690, 14.1610 |

Conversions

Conversions Part 2

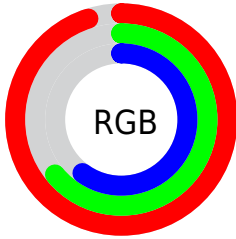
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 242, 163, 153 |
| Decimal | 15901337 |
| CIE Lab | 74.20, 28.58, 16.84 |
| CIE LCh | 74, 33.177, 30.507 |
| Yxy | 47.0178, 0.3989, 0.3392 |
| Android (android.graphics.Color) | 4294091417 (0xFFFF2A299) |
| YUV | 184.8940, -15.7237, 50.0820 |
| Hunter-Lab | 68.5695, 23.9289, 16.6126 |

Details

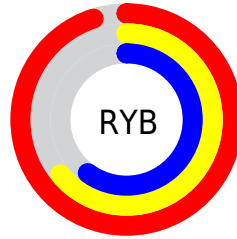
The XYZ color **55.2880, 47.0178, 36.2983** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.3015, 71.4580, 94.7243**, and the grayscale version is **46.1212, 48.5231, 52.8417**.

A 20% lighter version of the original color is **77.3153, 75.3907, 69.5084**, and **27.7414, 22.3015, 15.4129** is the 20% darker color. If you saturate the color by 10%, you get **49.9825, 39.2877, 25.6486**, and if you desaturate by 10%, it is **61.6640, 56.2400, 49.3055**.

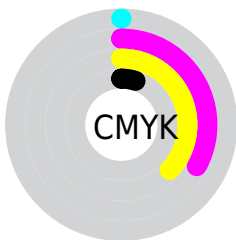
Distribution



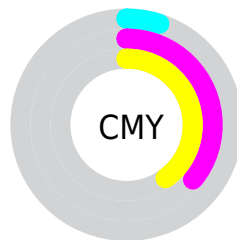
- Red (95%)
- Green (64%)
- Blue (60%)



- Red (95%)
- Yellow (64%)
- Blue (60%)



- Cyan (0%)
- Magenta (33%)
- Yellow (37%)
- Black (5%)





- Cyan (5%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2880, 47.0178, 36.2983 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 55.2880, 47.0178, 36.2983 by changing the saturation by 10% instead.


 55.2880, 47.0178,
36.2983


 55.2880, 47.0178,
36.2983


397.1214,
374.8856, 345.3392

 39.8671, 33.0497,
24.3732

 97.1087, 85.7402,
70.6665

 27.6187, 22.1645,
15.3959


 124.2391,
111.2633, 93.9465

 18.1774, 13.9779,
8.9480


156.0035,
141.4069, 121.8487

 11.1779, 8.1053,
4.6109

192.7671,
176.5553, 154.7914

 6.2548, 4.1624,
1.9661

234.8954,
217.0930, 193.1933

 3.0427, 1.7648,
0.5343

282.7536,

 1.1764, 0.4651,

263.4044, 237.4729

0.0000

336.7072,
315.8737, 288.0487

■ 0.0876, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2880, 47.0178,
36.2983

■ 55.2880, 47.0178,
36.2983

■ 49.9825, 39.2877,
25.6486

■ 61.6640, 56.2400,
49.3055

■ 45.6852, 32.9648,
17.2124

■ 69.1611, 67.0198,
64.7970

■ 42.3326, 27.9661,
10.8342

■ 77.8311, 79.4271,
82.8937

■ 39.8528, 24.1970,
6.3373

■ 87.7214, 93.5255,
103.7079

■ 38.1631, 21.5505,
3.5148

■ 90.4279, 97.6172,
108.6837

■ 37.1637, 19.9005,
2.1065

■ 36.9547, 19.5507,
1.8259

Harmonies

Analogous

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



57.1327, 47.0178, 50.9052



55.2880, 47.0178, 36.2983



50.5612, 47.0178, 27.6438

Triad

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



55.2880, 47.0178, 36.2983



35.4526, 47.0178, 36.6988



44.7902, 47.0178, 91.4431

Complementary

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



55.2880, 47.0178, 36.2983



58.3015, 71.4580, 94.7243

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.



39.2900, 47.0178, 85.3358



55.2880, 47.0178, 36.2983



34.1976, 47.0178, 51.4846

Square

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



55.2880, 47.0178, 36.2983



39.1294, 47.0178, 27.8364



35.5393, 47.0178, 69.6929



50.7517, 47.0178, 84.9292

Rectangle

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



55.2880, 47.0178, 36.2983



46.6026, 47.0178, 25.2016



35.5393, 47.0178, 69.6929



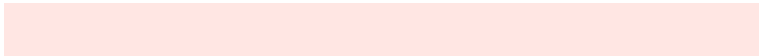
42.8286, 47.0178, 90.7860

Sweetspot

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



55.2892, 47.0201, 36.2992



83.3361, 83.2791, 84.3191



62.7316, 47.5490, 83.0373



17.5530, 17.4182, 17.4542



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.



55.2892, 47.0201, 36.2992



57.7636, 46.3988, 31.8186



64.5356, 65.5128, 39.3813



15.9015, 16.0161, 16.4030



19.8973, 10.5926, 0.9959



1.6981, 0.9669, 0.0971

Inverse Universe

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



58.3015, 71.4580, 94.7243



61.5877, 77.5310, 106.3267



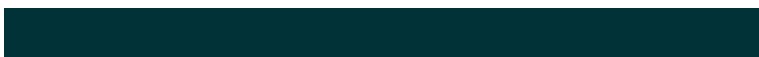
47.2759, 49.4068, 91.0491



16.1027, 17.6396, 20.2777



22.0691, 30.3624, 49.8252



1.8751, 2.6041, 4.1580

Previews

White Background



This preview shows how the XYZ color 55.2880, 47.0178, 36.2983 looks on a white background.

Color Contrast Check

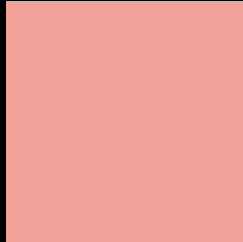
Large Text (above 18pt) WCAG AA × Fail

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 55.2880, 47.0178, 36.2983 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 55.2880, 47.0178, 36.2983

Background



This preview shows how black text looks on a background with the XYZ color 55.2880, 47.0178, 36.2983.



This preview shows how white text looks on a background with the XYZ color 55.2880, 47.0178,

36.2983.

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

55.2880, 47.0178, 36.2983

Protanopia

44.8247, 47.1766, 41.3938

Deuteranopia

48.1817, 47.2497, 35.4348



Tritanopia

57.0570, 46.9696, 44.5869

Trichromacy



Original Color

55.2880, 47.0178, 36.2983

Protanomaly

48.1663, 46.8648, 39.3081

Deuteranomaly

50.5802, 47.0482, 35.6935

Tritanomaly

56.2338, 46.8766, 41.2062

Monochromacy



Original Color

55.2880, 47.0178, 36.2983

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.7186, 47.5832, 46.1519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2880, 47.0178, 36.2983 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(242, 162, 153)` looks like.

```
.text, #text, p{  
    color:rgb(242, 162, 153)  
}
```

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(242, 162, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 162, 153) }
```

Border

The CSS property to change the border of an element to XYZ 55.2880, 47.0178, 36.2983 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(242, 162, 153) }
```


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

```
.border{ border-color:rgb(242, 162, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 162, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 162, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 162, 153);  
box-shadow:4px 4px 4px 4px rgb(242, 162,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2880, 47.0178, 36.2983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 162, 153) }
```

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

```
.background{ background-color: rgb(242,  
162, 153) }
```

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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