

Converting Colors

XYZ(55.6101, 47.4396, 40.4119)

Have a look what the booklet for
XYZ(55.6101, 47.4396, 40.4119)
contains.

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Color

**XYZ(55.5540, 47.3283,
40.3897)**

Conversions

Conversions Part 1

Format	Color
Hex	F0A3A2
RGB	240, 163, 162
RGB Percent	94%, 64%, 64%
CMY	0.0588, 0.3608, 0.3647
CMYK	0.00, 0.32, 0.32, 0.06
HSL	1°, 72%, 79%
HSV	1°, 32%, 94%
XYZ	55.5540, 47.3283, 40.3897
YIQ	185.9090, 46.2130, 16.0130

Conversions

Conversions Part 2

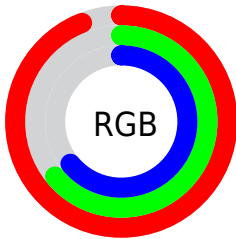
Format	Color
RYB	240, 163, 162
Decimal	15770530
CIELab	74.40, 28.40, 12.16
CIElCh	74, 30.892, 23.176
Yxy	47.3283, 0.3878, 0.3303
Android (android.graphics.Color)	4293960610 (0xFFFF0A3A2)
YUV	185.9090, -11.7871, 47.4378
Hunter-Lab	68.7956, 23.7506, 13.3479

Details

The XYZ color **55.5540, 47.3283, 40.3897** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.4939, 75.7031, 93.8094**, and the grayscale version is **46.6681, 49.0985, 53.4682**.

A 20% lighter version of the original color is **78.8358, 76.4126, 76.2396**, and **27.6818, 22.2227, 17.5823** is the 20% darker color. If you saturate the color by 10%, you get **49.8012, 38.9170, 28.9322**, and if you desaturate by 10%, it is **62.5044, 57.4827, 54.2560**.

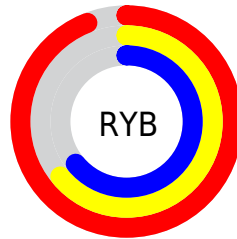
Distribution



Red (94%)

Green (64%)

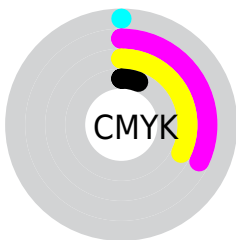
Blue (64%)



Red (94%)

Yellow (64%)

Blue (64%)

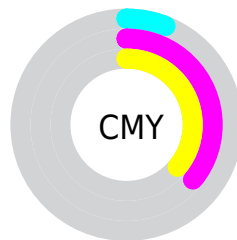


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (6%)



Cyan (6%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5540, 47.3283, 40.3897 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 55.5540, 47.3283, 40.3897 by changing the saturation by 10% instead.


 55.5540, 47.3283,
40.3897

 55.5540, 47.3283,
40.3897


398.1109,
376.1235, 363.3642

 40.0810, 33.2953,
27.5264


 97.4958, 86.2035,
77.0001

 27.7862, 22.3527,
17.7331


 124.6953,
111.8144, 101.5844

 18.3042, 14.1163,
10.5910


156.5344,
142.0534, 130.9127

 11.2696, 8.2016,
5.6819

193.3784,
177.3049, 165.4036

 6.3171, 4.2242,
2.5870

235.5927,
217.9532, 205.4757

 3.0813, 1.7998,
0.8857

283.5427,

 1.1969, 0.4870,

264.3828, 251.5474

0.0000

337.5936,
316.9781, 304.0374

■ 0.1039, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5540, 47.3283,
40.3897

■ 55.5540, 47.3283,
40.3897

■ 49.8012, 38.9170,
28.9322

■ 62.5044, 57.4827,
54.2560

■ 45.1748, 32.1446,
19.7435

■ 70.7107, 69.4634,
70.6545

■ 41.6022, 26.9063,
12.6739

■ 80.2320, 83.3563,
89.7036

■ 39.0005, 23.0824,
7.5542

■ 89.7453, 97.2653,
108.6517

■ 37.2746, 20.5353,
4.1897

■ 36.3101, 19.1002,
2.3453

■ 35.9688, 18.5924,
1.6929

Harmonies

Analogous

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



56.4655, 47.3283, 55.2598



55.5540, 47.3283, 40.3897



51.7062, 47.3283, 30.6905

Triad

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



55.5540, 47.3283, 40.3897



36.9518, 47.3283, 35.2626



43.7248, 47.3283, 88.3366

Complementary

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



55.5540, 47.3283, 40.3897



61.4939, 75.7031, 93.8094

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.



38.8714, 47.3283, 80.1573



55.5540, 47.3283, 40.3897



35.1752, 47.3283, 47.9767

Square

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



55.5540, 47.3283, 40.3897



40.9035, 47.3283, 28.1847



35.8479, 47.3283, 64.5565



49.3275, 47.3283, 85.1451

Rectangle

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



55.5540, 47.3283, 40.3897



48.1524, 47.3283, 27.4153



35.8479, 47.3283, 64.5565



41.9580, 47.3283, 86.7783

Sweetspot

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



55.5553, 47.3306, 40.3906



83.7019, 83.4434, 86.1899



64.5840, 50.6577, 88.8122



17.6009, 17.4010, 17.8187



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.



55.5553, 47.3306, 40.3906



59.2311, 47.7020, 37.3387



63.3438, 62.9076, 42.9868



15.7891, 15.7914, 16.3656



19.6971, 10.1924, 0.9292



1.6443, 0.8593, 0.0792

Inverse Universe

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



61.4939, 75.7031, 93.8094



67.0260, 84.9483, 107.4718



51.5156, 55.7464, 90.4833



16.2289, 17.8919, 20.3197



25.1815, 36.5872, 50.8627



2.1004, 3.0549, 4.2332

Previews

White Background



This preview shows how the XYZ color 55.5540, 47.3283, 40.3897 looks on a white background.

Color Contrast Check

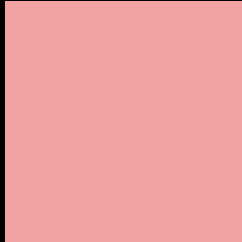
Large Text (above 18pt) WCAG AA × Fail

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 55.5540, 47.3283, 40.3897 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 55.5540, 47.3283, 40.3897

Background



This preview shows how black text looks on a background with the XYZ color 55.5540, 47.3283, 40.3897.



This preview shows how white text looks on a background with the XYZ color 55.5540, 47.3283,

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

55.5540, 47.3283, 40.3897

Protanopia

45.3661, 47.6643, 45.8388

Deuteranopia

48.6456, 47.6840, 39.8977



Tritanopia

56.5633, 47.2076, 45.6659

Trichromacy



Original Color

55.5540, 47.3283, 40.3897

Protanomaly

48.6056, 47.2877, 43.6114

Deuteranomaly

51.0043, 47.4504, 40.1888

Tritanomaly

56.3574, 47.4060, 43.7160

Monochromacy



Original Color

55.5540, 47.3283, 40.3897

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

49.3098, 48.1369, 48.2874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5540, 47.3283, 40.3897 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(240, 163, 162)` looks like.

```
.text, #text, p{  
    color:rgb(240, 163, 162)  
}
```

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(240, 163, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 163, 162) }
```

Border

The CSS property to change the border of an element to XYZ 55.5540, 47.3283, 40.3897 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(240, 163, 162) }
```


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

```
.border{ border-color:rgb(240, 163, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 163, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 163, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 163, 162);  
box-shadow:4px 4px 4px 4px rgb(240, 163,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5540, 47.3283, 40.3897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 163, 162) }
```

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

```
.background{ background-color: rgb(240,  
163, 162) }
```

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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