

Converting Colors

XYZ(55.2557, 46.6133, 39.7195)

Have a look what the booklet for
XYZ(55.2557, 46.6133, 39.7195)
contains.

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Color

**XYZ(55.4535, 46.7637,
39.8218)**

Conversions

Conversions Part 1

Format	Color
Hex	F1A1A1
RGB	241, 161, 161
RGB Percent	95%, 63%, 63%
CMY	0.0549, 0.3686, 0.3686
CMYK	0.00, 0.33, 0.33, 0.05
HSL	0°, 74%, 79%
HSV	0°, 33%, 95%
XYZ	55.4535, 46.7637, 39.8218
YIQ	184.9200, 47.6800, 16.9600

Conversions

Conversions Part 2

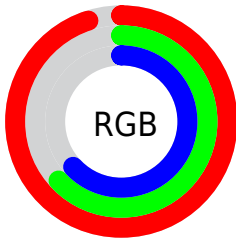
Format	Color
R _Y B	241, 161, 161
Decimal	15835553
CIE Lab	74.04, 29.70, 12.21
CIE LCh	74, 32.115, 22.350
Yxy	46.7637, 0.3904, 0.3292
Android (android.graphics.Color)	4294025633 (0xFFFF1A1A1)
YUV	184.9200, -11.7926, 49.1822
Hunter-Lab	68.3840, 25.0761, 13.3427

Details

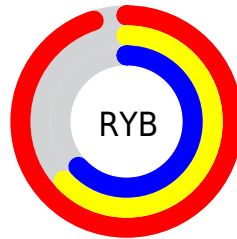
The XYZ color **55.4535, 46.7637, 39.8218** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.0292, 76.8357, 94.7806**, and the grayscale version is **46.1156, 48.5172, 52.8353**.

A 20% lighter version of the original color is **78.1905, 75.3296, 75.3847**, and **27.8116, 22.1303, 17.5576** is the 20% darker color. If you saturate the color by 10%, you get **49.7165, 38.3692, 28.4154**, and if you desaturate by 10%, it is **62.4142, 56.9496, 53.6578**.

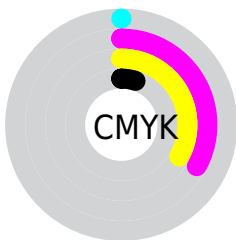
Distribution



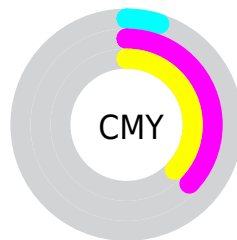
- Red (95%)
- Green (63%)
- Blue (63%)



- Red (95%)
- Yellow (63%)
- Blue (63%)



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



- Cyan (5%)
- Magenta (37%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4535, 46.7637, 39.8218 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 55.4535, 46.7637, 39.8218 by changing the saturation by 10% instead.


 55.4535, 46.7637,
39.8218


 55.4535, 46.7637,
39.8218


397.7372,
373.8705, 360.9017

 40.0002, 32.8489,
27.0869


 97.3495, 85.3608,
76.1262

 27.7229, 22.0107,
17.4055


 124.5230,
110.8119, 100.5328

 18.2563, 13.8648,
10.3590


156.3339,
140.8771, 129.6670

 11.2349, 8.0267,
5.5289

193.1476,
175.9410, 163.9474

 6.2935, 4.1120,
2.4967

235.3294,
216.3879, 203.7925

 3.0667, 1.7364,
0.8384

283.2447,

 1.1892, 0.4471,

262.6022, 249.6209

0.0000

337.2588,
314.9683, 301.8511

■ 0.0978, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4535, 46.7637,
39.8218

■ 55.4535, 46.7637,
39.8218

■ 49.7165, 38.3692,
28.4154

■ 62.4142, 56.9496,
53.6578

■ 45.1290, 31.6563,
19.2959

■ 70.6596, 69.0149,
70.0494

■ 41.6147, 26.5138,
12.3099

■ 80.2511, 83.0500,
89.1172

■ 39.0864, 22.8141,
7.2841

■ 90.0857, 97.4408,
108.6677

■ 37.4435, 20.4099,
4.0185

■ 36.5637, 19.1224,
2.2700

■ 36.2758, 18.7011,
1.6977

Harmonies

Analogous

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



56.3046, 46.7637, 55.2414



55.4535, 46.7637, 39.8218



51.5339, 46.7637, 29.7722

Triad

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



55.4535, 46.7637, 39.8218



36.2712, 46.7637, 33.9515



42.9947, 46.7637, 89.0971

Complementary

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



55.4535, 46.7637, 39.8218



62.0292, 76.8357, 94.7806

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.



38.0425, 46.7637, 80.2593



55.4535, 46.7637, 39.8218



34.3841, 46.7637, 46.8258

Square

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



55.4535, 46.7637, 39.8218



40.3824, 46.7637, 26.9265



35.0035, 46.7637, 63.9042



48.7767, 46.7637, 86.0929

Rectangle

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



55.4535, 46.7637, 39.8218



47.8777, 46.7637, 26.3511



35.0035, 46.7637, 63.9042



41.1852, 46.7637, 87.3569

Sweetspot

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



55.4547, 46.7660, 39.8227



83.6111, 83.2617, 86.1596



64.8979, 50.5418, 89.5542



17.5792, 17.3576, 17.8115



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.



55.4547, 46.7660, 39.8227



58.3820, 46.3445, 36.0053



63.5956, 63.0476, 42.5363



15.7729, 15.7590, 16.3602



19.6716, 10.1413, 0.9207



1.6365, 0.8437, 0.0766

Inverse Universe

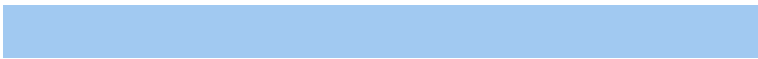
The Inverse Universe completely reimagines the original color for something new.



62.0292, 76.8357, 94.7806



66.9448, 85.5082, 107.5841



51.4622, 55.7017, 91.2583



16.2474, 17.9288, 20.3259



25.6650, 37.5542, 51.0239



2.1351, 3.1242, 4.2447

Previews

White Background



This preview shows how the XYZ color 55.4535, 46.7637, 39.8218 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 55.4535, 46.7637, 39.8218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

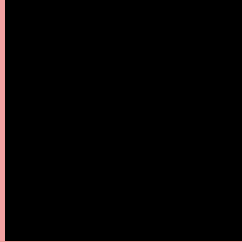
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4535, 46.7637, 39.8218

Background



This preview shows how black text looks on a background with the XYZ color 55.4535, 46.7637, 39.8218.



This preview shows how white text looks on a background with the XYZ color 55.4535, 46.7637,

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

55.4535, 46.7637, 39.8218

Protanopia

44.9134, 47.1258, 45.7587

Deuteranopia

47.9914, 47.0746, 38.9046



Tritanopia

56.3668, 46.6138, 44.5546

Trichromacy



Original Color

55.4535, 46.7637, 39.8218

Protanomaly

47.9361, 46.3647, 43.4686

Deuteranomaly

50.6397, 47.0012, 39.2040

Tritanomaly

56.1638, 46.8089, 42.6341

Monochromacy



Original Color

55.4535, 46.7637, 39.8218

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.5386, 47.1644, 47.6197

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4535, 46.7637, 39.8218 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(241, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(241, 161, 161)  
}
```

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(241, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 161, 161) }
```

Border

The CSS property to change the border of an element to XYZ 55.4535, 46.7637, 39.8218 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(241, 161, 161) }
```


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

```
.border{ border-color:rgb(241, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(241, 161,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4535, 46.7637, 39.8218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 161, 161) }
```

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

```
.background{ background-color: rgb(241,  
161, 161) }
```

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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