

Converting Colors

XYZ(55.4550, 46.1931, 36.5679)

Have a look what the booklet for
XYZ(55.4550, 46.1931, 36.5679)
contains.

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Color

**XYZ(55.5391, 46.3625,
36.5935)**

Conversions

Conversions Part 1

Format	Color
Hex	F49F9A
RGB	244, 159, 154
RGB Percent	96%, 62%, 60%
CMY	0.0431, 0.3764, 0.3961
CMYK	0.00, 0.35, 0.37, 0.04
HSL	3°, 80%, 78%
HSV	3°, 37%, 96%
XYZ	55.5391, 46.3625, 36.5935
YIQ	183.8450, 52.2650, 16.4650

Conversions

Conversions Part 2

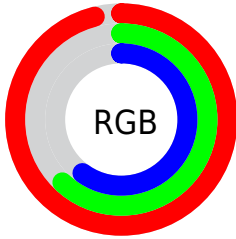
Format	Color
R _Y B	244, 159, 154
Decimal	16031642
CIE Lab	73.78, 31.03, 15.74
CIE LCh	74, 34.794, 26.898
Yxy	46.3625, 0.4010, 0.3348
Android (android.graphics.Color)	4294221722 (0xFFFF49F9A)
YUV	183.8450, -14.7136, 52.7559
Hunter-Lab	68.0900, 26.4399, 15.7989

Details

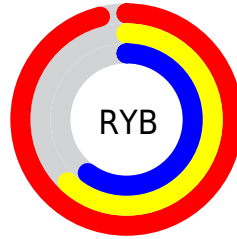
The XYZ color **55.5391, 46.3625, 36.5935** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.5207, 75.1316, 96.9000**, and the grayscale version is **45.5340, 47.9053, 52.1689**.

A 20% lighter version of the original color is **76.6717, 73.9072, 69.8990**, and **27.7135, 21.8090, 15.5809** is the 20% darker color. If you saturate the color by 10%, you get **50.1098, 38.4322, 25.7561**, and if you desaturate by 10%, it is **62.1225, 55.9398, 49.8543**.

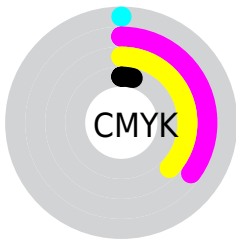
Distribution



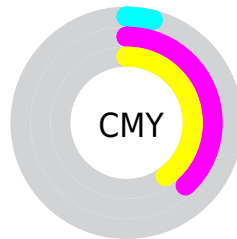
- Red (96%)
- Green (62%)
- Blue (60%)



- Red (96%)
- Yellow (62%)
- Blue (60%)



- Cyan (0%)
- Magenta (35%)
- Yellow (37%)
- Black (4%)





- Cyan (4%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5391, 46.3625, 36.5935 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 55.5391, 46.3625, 36.5935 by changing the saturation by 10% instead.


 55.5391, 46.3625,
36.5935


 55.5391, 46.3625,
36.5935


398.0555,
372.2641, 346.6628

 40.0691, 32.5320,
24.5996


 97.4741, 84.7613,
71.1265

 27.7768, 21.7681,
15.5627


 124.6698,
110.0983, 94.5026

 18.2971, 13.6866,
9.0643


156.5047,
140.0396, 122.5099

 11.2645, 7.9030,
4.6857

193.3442,
174.9695, 155.5669

 6.3136, 4.0330,
2.0086

235.5537,
215.2726, 194.0922

 3.0792, 1.6920,
0.5605

283.4985,

 1.1958, 0.4185,

261.3331, 238.5042

0.0000

337.5440,
313.5355, 289.2216

■ 0.1030, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5391, 46.3625,
36.5935

■ 55.5391, 46.3625,
36.5935

■ 50.1098, 38.4322,
25.7561

■ 62.1225, 55.9398,
49.8543

■ 45.7646, 32.0497,
17.1931

■ 69.9175, 67.2423,
65.6698

■ 42.4318, 27.1159,
10.7431

■ 78.9818, 80.3517,
84.1654

■ 40.0292, 23.5172,
6.2226

■ 89.3687, 95.3420,
105.4571

■ 38.4619, 21.1233,
3.4166

■ 91.1182, 97.9731,
108.7160

■ 37.6134, 19.7769,
2.0532

■ 37.4595, 19.5357,
1.7964

Harmonies

Analogous

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



57.0324, 46.3625, 52.3454



55.5391, 46.3625, 36.5935



50.8815, 46.3625, 26.9971

Triad

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



55.5391, 46.3625, 36.5935



34.8402, 46.3625, 34.0788



43.4261, 46.3625, 92.6723

Complementary

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



55.5391, 46.3625, 36.5935



60.5207, 75.1316, 96.9000

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.



37.8883, 46.3625, 84.7037



55.5391, 46.3625, 36.5935



33.2311, 46.3625, 48.6612

Square

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



55.5391, 46.3625, 36.5935



38.9046, 46.3625, 25.8016



34.2932, 46.3625, 67.5004



49.6652, 46.3625, 87.3315

Rectangle

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



55.5391, 46.3625, 36.5935



46.8159, 46.3625, 24.0547



34.2932, 46.3625, 67.5004



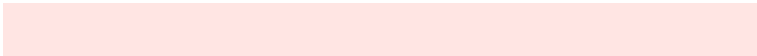
41.4263, 46.3625, 91.4241

Sweetspot

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



55.5403, 46.3648, 36.5944



82.9821, 82.5711, 84.2011



64.5180, 48.6063, 88.0307



17.4695, 17.2511, 17.4263



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.



55.5403, 46.3648, 36.5944



56.9366, 44.7447, 31.5429



64.6154, 64.5149, 39.6194



16.5731, 16.6303, 17.1340



20.3985, 10.6827, 0.9868



1.8184, 0.9900, 0.0952

Inverse Universe

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



60.5207, 75.1316, 96.9000



63.1446, 80.6449, 106.8457



49.0592, 52.2086, 93.0795



16.9131, 18.5906, 21.2395



24.3645, 34.5227, 51.9174



2.1651, 3.0815, 4.5709

Previews

White Background



This preview shows how the XYZ color 55.5391, 46.3625, 36.5935 looks on a white background.

Color Contrast Check

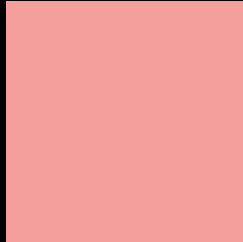
Large Text (above 18pt) WCAG AA × Fail

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 55.5391, 46.3625, 36.5935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

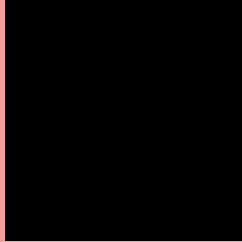
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5391, 46.3625, 36.5935

Background



This preview shows how black text looks on a background with the XYZ color 55.5391, 46.3625, 36.5935.



This preview shows how white text looks on a background with the XYZ color 55.5391, 46.3625,

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

55.5391, 46.3625, 36.5935

Protanopia

44.3017, 46.5832, 42.2538

Deuteranopia

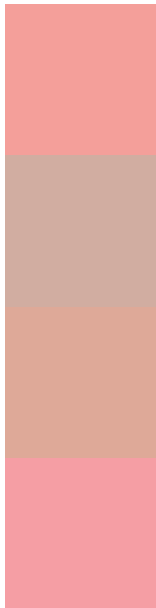
47.4942, 46.5959, 35.7689



Tritanopia

56.8746, 46.3910, 43.4929

Trichromacy



Original Color

55.5391, 46.3625, 36.5935

Protanomaly

47.6711, 46.0157, 40.0876

Deuteranomaly

49.9797, 46.1725, 35.9837

Tritanomaly

56.5839, 46.5465, 41.1240

Monochromacy



Original Color

55.5391, 46.3625, 36.5935

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

48.3264, 46.7989, 46.0212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5391, 46.3625, 36.5935 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(244, 159, 154)` looks like.

```
.text, #text, p{  
    color:rgb(244, 159, 154)  
}
```

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(244, 159, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 159, 154) }
```

Border

The CSS property to change the border of an element to XYZ 55.5391, 46.3625, 36.5935 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(244, 159, 154) }
```


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

```
.border{ border-color:rgb(244, 159, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 159, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 159, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 159, 154);  
box-shadow:4px 4px 4px 4px rgb(244, 159,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5391, 46.3625, 36.5935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 159, 154) }
```

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

```
.background{ background-color: rgb(244,  
159, 154) }
```

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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