

Converting Colors

XYZ(59.9672, 55.4447, 44.3692)

Have a look what the booklet for
XYZ(59.9672, 55.4447, 44.3692)
contains.

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Color

**XYZ(60.1436, 55.6334,
44.6142)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B8A8
RGB	240, 184, 168
RGB Percent	94%, 72%, 66%
CMY	0.0588, 0.2784, 0.3412
CMYK	0.00, 0.23, 0.30, 0.06
HSL	13°, 71%, 80%
HSV	13°, 30%, 94%
XYZ	60.1436, 55.6334, 44.6142
YIQ	198.9200, 38.5120, 6.8960

Conversions

Conversions Part 2

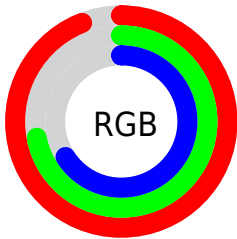
Format	Color
R _Y B	240, 189, 168
Decimal	15775912
CIE Lab	79.40, 18.03, 15.94
CIE LCh	79, 24.070, 41.480
Yxy	55.6334, 0.3750, 0.3469
Android (android.graphics.Color)	4293965992 (0xFFFF0B8A8)
YUV	198.9200, -15.2436, 36.0272
Hunter-Lab	74.5878, 13.4042, 16.7475

Details

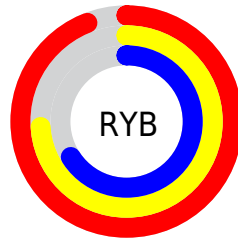
The XYZ color **60.1436, 55.6334, 44.6142** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.5315, 67.9254, 92.4644**, and the grayscale version is **54.3122, 57.1407, 62.2262**.

A 20% lighter version of the original color is **85.7194, 88.9079, 82.4551**, and **30.7971, 27.5608, 20.2196** is the 20% darker color. If you saturate the color by 10%, you get **54.4862, 47.5724, 32.6968**, and if you desaturate by 10%, it is **66.7283, 64.8879, 58.8777**.

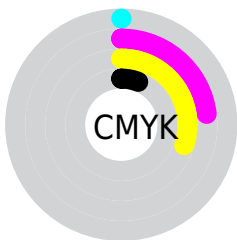
Distribution



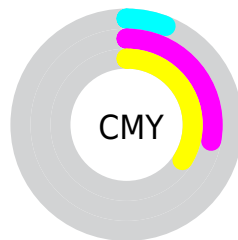
- Red (94%)
- Green (72%)
- Blue (66%)



- Red (94%)
- Yellow (74%)
- Blue (66%)



- Cyan (0%)
- Magenta (23%)
- Yellow (30%)
- Black (6%)





- Cyan (6%)
- Magenta (28%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1436, 55.6334, 44.6142 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 60.1436, 55.6334, 44.6142 by changing the saturation by 10% instead.


 60.1436, 55.6334,
44.6142


 60.1436, 55.6334,
44.6142


414.9531,
408.3085, 381.3233

 43.7843, 39.9091,
30.8129


 104.1431, 98.4684,
83.4535

 30.6981, 27.4677,
20.1992


 132.5140,
126.3478, 109.3286

 20.5198, 17.9248,
12.3544


165.6195,
159.0477, 140.0653

 12.8839, 10.8960,
6.8601

203.8249,
196.9525, 176.0823

 7.4251, 5.9969,
3.2976

247.4957,
240.4466, 217.7980

 3.7780, 2.8432,
1.2485

296.9970,

 1.5773, 1.0504,

289.9144, 265.6311

0.0190

352.6944,
345.7402, 320.0000

■ 0.3776, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1436, 55.6334,
44.6142

■ 60.1436, 55.6334,
44.6142

■ 54.4862, 47.5724,
32.6968

■ 66.7283, 64.8879,
58.8777

■ 49.7089, 40.6482,
22.9957

■ 74.2755, 75.3739,
75.6007

■ 45.7673, 34.8110,
15.3736

■ 82.8242, 87.1376,
94.8932

■ 42.6106, 30.0044,
9.6767

■ 89.7453, 97.2653,
108.6517

■ 40.1827, 26.1664,
5.7292

■ 38.4186, 23.2280,
3.3228

■ 37.2244, 21.1036,
2.1115

■ 37.2244, 21.1035,
2.1114

Harmonies

Analogous

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



62.5090, 55.6334, 55.4357



60.1436, 55.6334, 44.6142



55.8823, 55.6334, 38.6976

Triad

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



60.1436, 55.6334, 44.6142



44.5533, 55.6334, 52.5153



54.7474, 55.6334, 90.5505

Complementary

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



60.1436, 55.6334, 44.6142



58.5315, 67.9254, 92.4644

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.



49.9831, 55.6334, 89.4500



60.1436, 55.6334, 44.6142



44.2906, 55.6334, 66.0232

Square

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



60.1436, 55.6334, 44.6142



46.9633, 55.6334, 42.7574



46.2222, 55.6334, 79.9506



59.2693, 55.6334, 82.7612

Rectangle

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



60.1436, 55.6334, 44.6142



52.6385, 55.6334, 37.6915



46.2222, 55.6334, 79.9506



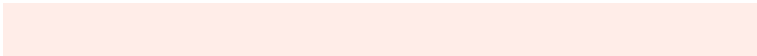
53.1180, 55.6334, 91.2361

Sweetspot

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



60.1451, 55.6360, 44.6153



86.1407, 87.7452, 88.7776



63.4472, 51.9347, 77.4866



18.1484, 18.3813, 18.3548



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.



60.1451, 55.6360, 44.6153



64.9276, 58.0291, 42.5230



68.4919, 72.3296, 47.3976



16.0577, 16.3286, 16.4551



20.4579, 11.7139, 1.1828



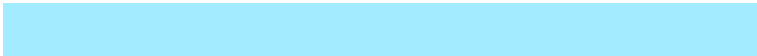
1.7737, 1.1181, 0.1223

Inverse Universe

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



58.5315, 67.9254, 92.4644



62.7874, 74.2121, 105.6229



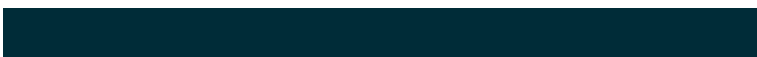
49.9460, 50.7544, 89.6025



15.9320, 17.2981, 20.2208



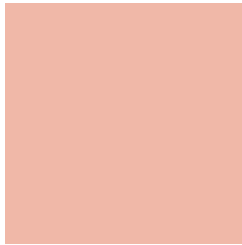
18.4005, 23.0252, 48.6024



1.6032, 2.0604, 4.0674

Previews

White Background



This preview shows how the XYZ color 60.1436, 55.6334, 44.6142 looks on a white background.

Color Contrast Check

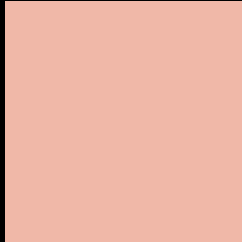
Large Text (above 18pt) WCAG AA × Fail

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 60.1436, 55.6334, 44.6142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

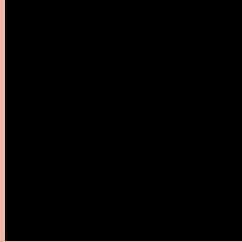
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1436, 55.6334, 44.6142

Background



This preview shows how black text looks on a background with the XYZ color 60.1436, 55.6334, 44.6142.



This preview shows how white text looks on a background with the XYZ color 60.1436, 55.6334,

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

60.1436, 55.6334, 44.6142

Protanopia

52.8335, 55.6577, 48.0028

Deuteranopia

57.0671, 55.9478, 44.3505



Tritanopia

63.0210, 55.5922, 58.4477

Trichromacy



Original Color

60.1436, 55.6334, 44.6142

Protanomaly

55.2095, 55.5833, 46.8485

Deuteranomaly

58.2370, 55.9123, 44.2819

Tritanomaly

61.8988, 55.4278, 53.3352

Monochromacy



Original Color

60.1436, 55.6334, 44.6142

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.1004, 56.5106, 55.5278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1436, 55.6334, 44.6142 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, 184, 168)` looks like.

```
.text, #text, p{  
    color:rgb(240, 184, 168)  
}
```

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, 184, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 184, 168) }
```

Border

The CSS property to change the border of an element to XYZ 60.1436, 55.6334, 44.6142 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, 184, 168) }
```


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

```
.border{ border-color:rgb(240, 184, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 184, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 184, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 184, 168);  
box-shadow:4px 4px 4px 4px rgb(240, 184,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1436, 55.6334, 44.6142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 184, 168) }
```

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

```
.background{ background-color: rgb(240,  
184, 168) }
```

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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