

Converting Colors

XYZ(53.8744, 44.5249, 40.7004)

Have a look what the booklet for
XYZ(53.8744, 44.5249, 40.7004)
contains.

XYZ(53.6821, 44.3002, 40.8434)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.6821, 44.3002,
40.8434)**

Conversions

Conversions Part 1

Format	Color
Hex	EE9BA4
RGB	238, 155, 164
RGB Percent	93%, 61%, 64%
CMY	0.0667, 0.3921, 0.3569
CMYK	0.00, 0.35, 0.31, 0.07
HSL	353°, 71%, 77%
HSV	353°, 35%, 93%
XYZ	53.6821, 44.3002, 40.8434
YIQ	180.8430, 46.5790, 20.3950

Conversions

Conversions Part 2

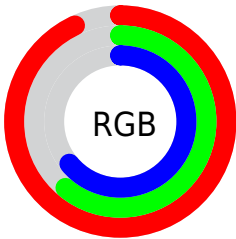
Format	Color
R _Y B	238, 155, 164
Decimal	15637412
CIE Lab	72.43, 32.14, 8.22
CIE LCh	72, 33.179, 14.351
Yxy	44.3002, 0.3867, 0.3191
Android (android.graphics.Color)	4293827492 (0xFFEE9BA4)
YUV	180.8430, -8.3036, 50.1267
Hunter-Lab	66.5584, 27.4904, 10.2077

Details

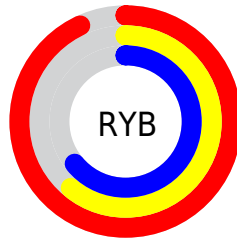
The XYZ color **53.6821, 44.3002, 40.8434** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.2370, 73.7758, 85.3034**, and the grayscale version is **43.8631, 46.1474, 50.2545**.

A 20% lighter version of the original color is **77.0728, 72.4677, 76.9433**, and **26.5973, 20.5736, 17.8985** is the 20% darker color. If you saturate the color by 10%, you get **48.3453, 36.4418, 30.3854**, and if you desaturate by 10%, it is **60.1217, 53.8519, 53.2475**.

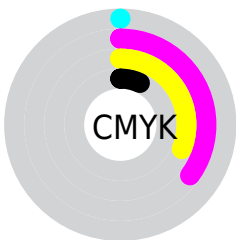
Distribution



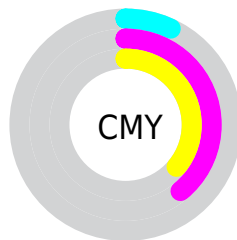
- Red (93%)
- Green (61%)
- Blue (64%)



- Red (93%)
- Yellow (61%)
- Blue (64%)



- Cyan (0%)
- Magenta (35%)
- Yellow (31%)
- Black (7%)





- Cyan (7%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6821, 44.3002, 40.8434 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 53.6821, 44.3002, 40.8434 by changing the saturation by 10% instead.


 53.6821, 44.3002,
40.8434


 53.6821, 44.3002,
40.8434

391.1148,
363.9319, 365.3229

 38.5772, 30.9066,
27.8780

 94.7670, 81.6693,
77.6972

 26.6102, 20.5277,
17.9954


 121.4776,
106.4135, 102.4226

 17.4158, 12.7792,
10.7773


152.7876,
135.7101, 131.9052

 10.6285, 7.2767,
5.8050

189.0623,
169.9434, 166.5633

 5.8831, 3.6357,
2.6600

230.6670,
209.4979, 206.8156

 2.8141, 1.4720,
0.9232

277.9671,

 1.0562, 0.2689,

254.7578, 253.0806

0.0000

331.3279,
306.1077, 305.7769

■ 0.0000, 0.0000,
0.0000

■ 53.6821, 44.3002,
40.8434

■ 53.6821, 44.3002,
40.8434

■ 48.3453, 36.4418,
30.3854

■ 60.1217, 53.8519,
53.2475

■ 44.0458, 30.1717,
21.7720

■ 67.7174, 65.1811,
67.6867

■ 40.7165, 25.3836,
14.8964

■ 76.5238, 78.3739,
84.2481

■ 38.2813, 21.9549,
9.6399

■ 86.5904, 93.5090,
103.0125

■ 36.6522, 19.7438,
5.8686

■ 89.0700, 96.9172,
108.6201

■ 35.7228, 18.5767,
3.4267

■ 35.4441, 18.2508,
2.6199

Harmonies

Analogous

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



53.6064, 44.3002, 57.2380



53.6821, 44.3002, 40.8434



50.4682, 44.3002, 29.4007

Triad

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



53.6821, 44.3002, 40.8434



34.8777, 44.3002, 29.0397



39.2092, 44.3002, 85.3570

Complementary

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



53.6821, 44.3002, 40.8434



58.2370, 73.7758, 85.3034

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.



34.7226, 44.3002, 73.7678



53.6821, 44.3002, 40.8434



32.3807, 44.3002, 40.2300

Square

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



53.6821, 44.3002, 40.8434



39.4390, 44.3002, 23.7073



32.3266, 44.3002, 56.4694



44.8907, 44.3002, 85.6273

Rectangle

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



53.6821, 44.3002, 40.8434



47.0471, 44.3002, 25.0525



32.3266, 44.3002, 56.4694



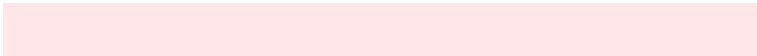
37.5236, 44.3002, 82.5562

Sweetspot

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



53.6833, 44.3023, 40.8443



84.0008, 83.4169, 88.2142



59.2508, 46.1638, 86.6767



17.6725, 17.3947, 18.3034



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.



53.6833, 44.3023, 40.8443



58.1164, 44.9293, 38.6414



58.9092, 56.0085, 38.7190



15.8424, 15.7867, 16.7265



19.7968, 10.1912, 1.5808



1.6698, 0.8570, 0.2520

Inverse Universe

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



53.6833, 44.3023, 40.8443



58.1164, 44.9293, 38.6414



51.0675, 57.3744, 89.2719



15.8424, 15.7867, 16.7265



19.7968, 10.1912, 1.5808



1.6698, 0.8570, 0.2520

Previews

White Background



This preview shows how the XYZ color 53.6821, 44.3002, 40.8434 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 53.6821, 44.3002, 40.8434 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 53.6821, 44.3002, 40.8434

Background



This preview shows how black text looks on a background with the XYZ color 53.6821, 44.3002, 40.8434.



This preview shows how white text looks on a background with the XYZ color 53.6821, 44.3002,

40.8434.

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

53.6821, 44.3002, 40.8434

Protanopia

42.8500, 44.5240, 47.4098

Deuteranopia

45.5427, 44.6348, 39.9332



Tritanopia

53.8642, 44.3730, 41.8023

Trichromacy



Original Color

53.6821, 44.3002, 40.8434

Protanomaly

45.9915, 43.9110, 45.0814

Deuteranomaly

48.1821, 44.3281, 40.1991

Tritanomaly

53.7728, 44.3364, 41.3210

Monochromacy



Original Color

53.6821, 44.3002, 40.8434

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

46.8475, 45.1567, 46.8044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6821, 44.3002, 40.8434 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(238, 155, 164)` looks like.

```
.text, #text, p{  
    color:rgb(238, 155, 164)  
}
```

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(238, 155, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 155, 164) }
```

Border

The CSS property to change the border of an element to XYZ 53.6821, 44.3002, 40.8434 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(238, 155, 164) }
```


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

```
.border{ border-color:rgb(238, 155, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 155, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 155, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 155, 164);  
box-shadow:4px 4px 4px 4px rgb(238, 155,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6821, 44.3002, 40.8434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 155, 164) }
```

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

```
.background{ background-color: rgb(238,  
155, 164) }
```

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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