

Converting Colors

XYZ(44.9752, 33.0602, 23.5332)

Have a look what the booklet for
XYZ(44.9752, 33.0602, 23.5332)
contains.

XYZ(44.9222, 33.0619, 23.4160)	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(44.9222, 33.0619,
23.4160)**

Conversions

Conversions Part 1

Format	Color
Hex	EB7A7D
RGB	235, 122, 125
RGB Percent	92%, 48%, 49%
CMY	0.0784, 0.5215, 0.5098
CMYK	0.00, 0.48, 0.47, 0.08
HSL	358°, 74%, 70%
HSV	358°, 48%, 92%
XYZ	44.9222, 33.0619, 23.4160
YIQ	156.1290, 66.3850, 24.8890

Conversions

Conversions Part 2

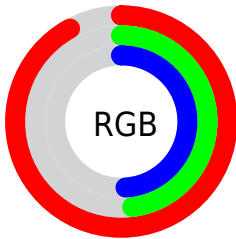
Format	Color
RYB	235, 122, 125
Decimal	15432317
CIELab	64.21, 43.74, 18.47
CIELCh	64, 47.476, 22.894
Yxy	33.0619, 0.4430, 0.3261
Android (android.graphics.Color)	4293622397 (0xFFEB7A7D)
YUV	156.1290, -15.3466, 69.1699
Hunter-Lab	57.4995, 38.8313, 16.1045

Details

The XYZ color **44.9222, 33.0619, 23.4160** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **52.3016, 69.3812, 86.9835**, and the grayscale version is **31.7041, 33.3551, 36.3238**.

A 20% lighter version of the original color is **64.9980, 55.9186, 49.4871**, and **21.1118, 13.8920, 8.4062** is the 20% darker color. If you saturate the color by 10%, you get **41.0806, 27.4545, 15.7366**, and if you desaturate by 10%, it is **49.7996, 40.2025, 33.1016**.

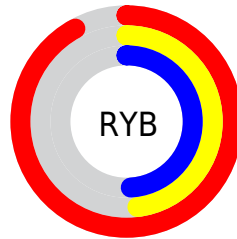
Distribution



Red (92%)

Green (48%)

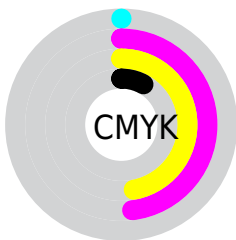
Blue (49%)



Red (92%)

Yellow (48%)

Blue (49%)

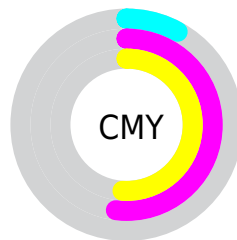


Cyan (0%)

Magenta (48%)

Yellow (47%)

Black (8%)



Cyan (8%)


Magenta (52%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.9222, 33.0619, 23.4160 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 44.9222, 33.0619, 23.4160 by changing the saturation by 10% instead.


 44.9222, 33.0619,
23.4160


 44.9222, 33.0619,
23.4160


357.2474,
315.9286, 283.0454

 31.5972, 22.1739,
14.6928


 81.8414, 64.4722,
50.0073

 21.2080, 13.9847,
8.4598


 106.1664, 85.7632,
68.7125

 13.3895, 8.1100,
4.2986


 134.8886,
111.2906, 91.5821

 7.7761, 4.1654,
1.7906

168.3735,
141.4390, 119.0347

 4.0026, 1.7665,
0.4217

206.9865,
176.5925, 151.4888

 1.7036, 0.4662,
0.0000

251.0929,

 0.4585, 0.0000,

217.1357, 189.3629

0.0000

301.0581,
263.4529, 233.0756

■ 0.0000, 0.0000,
0.0000

■ 44.9222, 33.0619,
23.4160

■ 44.9222, 33.0619,
23.4160

■ 41.0806, 27.4545,
15.7366

■ 49.7996, 40.2025,
33.1016

■ 38.1977, 23.2634,
9.9213

■ 55.7776, 48.9716,
44.9187

■ 36.1899, 20.3635,
5.8120

■ 62.9185, 59.4630,
58.9844

■ 34.9578, 18.6056,
3.2240

■ 71.2793, 71.7617,
75.4067

■ 34.3680, 17.7833,
1.9262

■ 80.9133, 85.9473,
94.2867

■ 34.2950, 17.6758,
1.7830

■ 88.0709, 96.4022,
108.5734

Harmonies

Analogous

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



46.1003, 33.0619, 40.7824



44.9222, 33.0619, 23.4160



39.8990, 33.0619, 13.7873

Triad

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



44.9222, 33.0619, 23.4160



22.1894, 33.0619, 17.9446



29.8501, 33.0619, 86.7448

Complementary

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



44.9222, 33.0619, 23.4160



52.3016, 69.3812, 86.9835

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.



24.2437, 33.0619, 74.4010



44.9222, 33.0619, 23.4160



20.2493, 33.0619, 31.6047

Square

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



44.9222, 33.0619, 23.4160



26.6524, 33.0619, 11.5073



20.9437, 33.0619, 52.4342



36.7344, 33.0619, 82.0929

Rectangle

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



44.9222, 33.0619, 23.4160



35.3879, 33.0619, 10.9190



20.9437, 33.0619, 52.4342



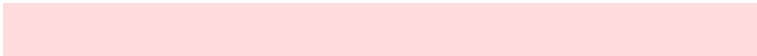
27.7684, 33.0619, 84.3316

Sweetspot

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



44.9230, 33.0636, 23.4166



79.6007, 77.2601, 78.5984



54.9862, 36.9467, 82.8305



16.5854, 15.8715, 15.9342



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.



44.9230, 33.0636, 23.4166



49.3784, 32.9444, 18.8008



53.0530, 49.6251, 25.1970



15.0816, 15.0605, 15.7153



19.0941, 9.8403, 1.0308



1.5051, 0.7750, 0.1110

Inverse Universe

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



44.9230, 33.0636, 23.4166



49.3784, 32.9444, 18.8008



39.8057, 43.7028, 84.9347



15.0816, 15.0605, 15.7153



19.0941, 9.8403, 1.0308



1.5051, 0.7750, 0.1110

Previews

White Background



This preview shows how the XYZ color 44.9222, 33.0619, 23.4160 looks on a white background.

Color Contrast Check

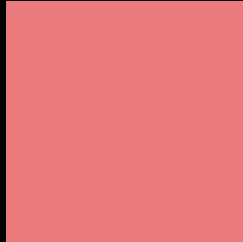
Large Text (above 18pt) WCAG AA × Fail

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 44.9222, 33.0619, 23.4160 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 44.9222, 33.0619, 23.4160

Background



This preview shows how black text looks on a background with the XYZ color 44.9222, 33.0619, 23.4160.



This preview shows how white text looks on a background with the XYZ color 44.9222, 33.0619,

23.4160.

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

44.9222, 33.0619, 23.4160

Protanopia

31.6712, 33.4113, 30.3710

Deuteranopia

33.8250, 33.2360, 22.4017



Tritanopia

45.1276, 32.9486, 25.1003

Trichromacy



Original Color

44.9222, 33.0619, 23.4160

Protanomaly

35.4035, 32.5429, 27.7080

Deuteranomaly

37.2481, 32.7179, 22.7643

Tritanomaly

44.9946, 32.8954, 24.4001

Monochromacy



Original Color

44.9222, 33.0619, 23.4160

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

35.0917, 32.3051, 31.1740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9222, 33.0619, 23.4160 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(235, 122, 125)` looks like.

```
.text, #text, p{  
    color:rgb(235, 122, 125)  
}
```

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(235, 122, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 122, 125) }
```

Border

The CSS property to change the border of an element to XYZ 44.9222, 33.0619, 23.4160 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(235, 122, 125) }
```


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

```
.border{ border-color:rgb(235, 122, 125) }
```

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

Here you see how a box with a 4 pixel rgb(235, 122, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 122, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 122, 125);  
box-shadow:4px 4px 4px 4px rgb(235, 122,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9222, 33.0619, 23.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 122, 125) }
```

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

```
.background{ background-color: rgb(235,  
122, 125) }
```

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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