

Converting Colors

XYZ(44.9326, 33.3403, 19.3963)

Have a look what the booklet for
XYZ(44.9326, 33.3403, 19.3963)
contains.

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Color

**XYZ(44.9326, 33.3403,
19.3963)**

Conversions

Conversions Part 1

Format	Color
Hex	ED7B70
RGB	237, 123, 112
RGB Percent	93%, 48%, 44%
CMY	0.0706, 0.5176, 0.5608
CMYK	0.00, 0.48, 0.53, 0.07
HSL	5°, 78%, 68%
HSV	5°, 53%, 93%
XYZ	44.9326, 33.3403, 19.3963
YIQ	155.8320, 71.4750, 20.7470

Conversions

Conversions Part 2

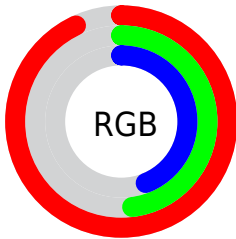
Format	Color
R _Y B	237, 124, 112
Decimal	15563632
CIE Lab	64.44, 42.80, 26.15
CIE LCh	64, 50.154, 31.423
Yxy	33.3403, 0.4600, 0.3414
Android (android.graphics.Color)	4293753712 (0xFFED7B70)
YUV	155.8320, -21.6092, 71.1843
Hunter-Lab	57.7411, 37.8572, 20.5021

Details

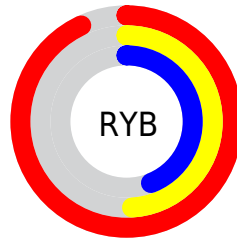
The XYZ color **44.9326, 33.3403, 19.3963** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **49.1626, 63.9481, 89.8724**, and the grayscale version is **31.5970, 33.2425, 36.2010**.

A 20% lighter version of the original color is **63.6630, 55.3846, 42.4569**, and **21.3101, 14.2238, 6.4728** is the 20% darker color. If you saturate the color by 10%, you get **41.3909, 28.0981, 12.5400**, and if you desaturate by 10%, it is **49.4151, 39.9085, 28.2799**.

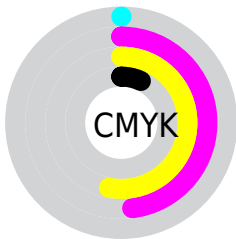
Distribution



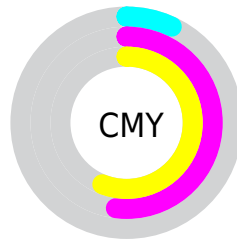
- Red (93%)
- Green (48%)
- Blue (44%)



- Red (93%)
- Yellow (49%)
- Blue (44%)



- Cyan (0%)
- Magenta (48%)
- Yellow (53%)
- Black (7%)




- Cyan (7%)
- Magenta (52%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.9326, 33.3403, 19.3963 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 44.9326, 33.3403, 19.3963 by changing the saturation by 10% instead.


 44.9326, 33.3403,
19.3963


 44.9326, 33.3403,
19.3963


357.2888,
317.1804, 261.1232


 31.6054, 22.3873,
11.7773


 81.8569, 64.9065,
43.2483


 21.2144, 14.1417,
6.4715


 106.1848, 86.2884,
60.3183

 13.3941, 8.2193,
3.0605


 134.9102,
111.9154, 81.3757

 7.7794, 4.2356,
1.1256

 168.3986,
142.1718, 106.8392

 4.0047, 1.8062,
0.0000

207.0153,
177.4422, 137.1271

 1.7048, 0.4910,
0.0000

251.1257,

 0.4593, 0.0000,

218.1108, 172.6580

0.0000

301.0951,
264.5620, 213.8505

■ 0.0000, 0.0000,
0.0000

■ 44.9326, 33.3403,
19.3963

■ 44.9326, 33.3403,
19.3963

■ 41.3909, 28.0981,
12.5400

■ 49.4151, 39.9085,
28.2799

■ 38.7201, 24.0868,
7.5491

■ 54.8964, 47.8790,
39.3317

■ 36.8449, 21.2069,
4.2402

■ 61.4331, 57.3285,
52.6824

■ 35.6754, 19.3411,
2.3915

■ 69.0764, 68.3265,
68.4514

■ 35.1906, 18.5359,
1.7230

■ 77.8745, 80.9384,
86.7503

■ 87.8726, 95.2255,
107.6834

■ 88.7349, 96.7444,
108.6045

Harmonies

Analogous

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



47.5210, 33.3403, 35.3324



44.9326, 33.3403, 19.3963



38.7329, 33.3403, 11.5362

Triad

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



44.9326, 33.3403, 19.3963



21.0812, 33.3403, 20.5335



32.0318, 33.3403, 91.6258

Complementary

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



44.9326, 33.3403, 19.3963



49.1626, 63.9481, 89.8724

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.



25.5554, 33.3403, 83.0370



44.9326, 33.3403, 19.3963



19.8332, 33.3403, 37.2890

Square

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



44.9326, 33.3403, 19.3963



25.0463, 33.3403, 11.9978



21.3426, 33.3403, 60.9508



39.4131, 33.3403, 81.3502

Rectangle

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



44.9326, 33.3403, 19.3963



33.7845, 33.3403, 9.6236



21.3426, 33.3403, 60.9508



29.6819, 33.3403, 90.8341

Sweetspot

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



44.9334, 33.3420, 19.3969



78.4208, 76.1605, 74.3196



54.5268, 35.1160, 76.2758



16.3823, 15.7218, 15.0756



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.



44.9334, 33.3420, 19.3969



48.6911, 32.9044, 14.4571



55.1811, 53.8374, 22.8128



15.1721, 15.2672, 15.6659



19.2522, 10.1987, 0.9538



1.5485, 0.8742, 0.0871

Inverse Universe

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



49.1626, 63.9481, 89.8724



54.1143, 72.4426, 105.7384



35.2586, 36.1401, 85.2377



15.3977, 16.8818, 19.3692



21.8203, 30.2875, 48.4390



1.7467, 2.4450, 3.8147

Previews

White Background



This preview shows how the XYZ color 44.9326, 33.3403, 19.3963 looks on a white background.

Color Contrast Check

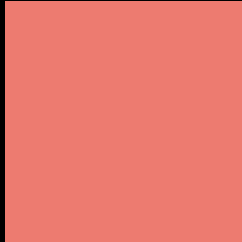
Large Text (above 18pt) WCAG AA × Fail

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 44.9326, 33.3403, 19.3963 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 44.9326, 33.3403, 19.3963

Background



This preview shows how black text looks on a background with the XYZ color 44.9326, 33.3403, 19.3963.



This preview shows how white text looks on a background with the XYZ color 44.9326, 33.3403,

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

44.9326, 33.3403, 19.3963

Protanopia

31.4451, 33.4162, 24.8713

Deuteranopia

34.0537, 33.4390, 18.5695



Tritanopia

45.9388, 33.1951, 24.7549

Trichromacy



Original Color

44.9326, 33.3403, 19.3963

Protanomaly

35.2243, 32.5581, 22.8402

Deuteranomaly

37.3152, 32.8394, 18.8399

Tritanomaly

45.6724, 33.2819, 22.7557

Monochromacy



Original Color

44.9326, 33.3403, 19.3963

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

34.7145, 32.1543, 29.1877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9326, 33.3403, 19.3963 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(237, 123, 112)` looks like.

```
.text, #text, p{  
    color:rgb(237, 123, 112)  
}
```

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(237, 123, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 123, 112) }
```

Border

The CSS property to change the border of an element to XYZ 44.9326, 33.3403, 19.3963 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(237, 123, 112) }
```


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

```
.border{ border-color:rgb(237, 123, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 123, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 123, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 123, 112);  
box-shadow:4px 4px 4px 4px rgb(237, 123,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9326, 33.3403, 19.3963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 123, 112) }
```

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

```
.background{ background-color: rgb(237,  
123, 112) }
```

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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