

Converting Colors

XYZ(43.3351, 34.3411, 24.7666)

Have a look what the booklet for
XYZ(43.3351, 34.3411, 24.7666)
contains.

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Color

**XYZ(43.3351, 34.3411,
24.7666)**

Conversions

Conversions Part 1

Format	Color
Hex	E18580
RGB	225, 133, 128
RGB Percent	88%, 52%, 50%
CMY	0.1176, 0.4784, 0.4980
CMYK	0.00, 0.41, 0.43, 0.12
HSL	3°, 62%, 69%
HSV	3°, 43%, 88%
XYZ	43.3351, 34.3411, 24.7666
YIQ	159.9380, 56.4370, 17.9490

Conversions

Conversions Part 2

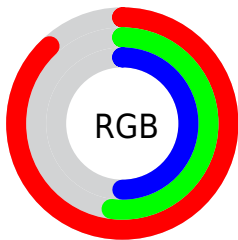
Format	Color
R_{YB}	225, 133, 128
Decimal	14779776
CIE _{Lab}	65.23, 34.69, 17.97
CIE _{LCh}	65, 39.070, 27.384
Yxy	34.3411, 0.4230, 0.3352
Android (android.graphics.Color)	4292969856 (0xFFE18580)
YUV	159.9380, -15.7454, 57.0594
Hunter-Lab	58.6013, 29.4468, 15.9632

Details

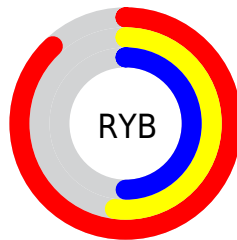
The XYZ color **43.3351, 34.3411, 24.7666** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **48.0846, 61.2090, 80.5141**, and the grayscale version is **33.4379, 35.1793, 38.3103**.

A 20% lighter version of the original color is **67.3508, 60.1368, 51.7739**, and **20.3649, 14.8146, 9.1833** is the 20% darker color. If you saturate the color by 10%, you get **39.3844, 28.5528, 16.9355**, and if you desaturate by 10%, it is **48.2094, 41.4510, 34.5261**.

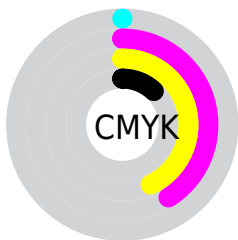
Distribution



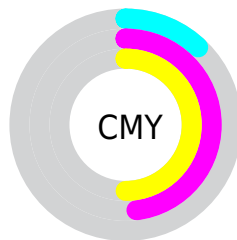
- Red (88%)
- Green (52%)
- Blue (50%)



- Red (88%)
- Yellow (52%)
- Blue (50%)



- Cyan (0%)
- Magenta (41%)
- Yellow (43%)
- Black (12%)





- Cyan (12%)
- Magenta (48%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3351, 34.3411, 24.7666 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 43.3351, 34.3411, 24.7666 by changing the saturation by 10% instead.


 43.3351, 34.3411,
24.7666


 43.3351, 34.3411,
24.7666


350.8863,
321.6503, 290.0840


 30.3438, 23.1558,
15.6858


 79.4689, 66.4638,
52.2377

 20.2490, 14.7086,
9.1502


 103.3420, 88.1699,
71.4652

 12.6855, 8.6151,
4.7411

 131.5732,
114.1517, 94.9119

 7.2879, 4.4910,
2.0401

164.5277,
144.7936, 122.9965

 3.6907, 1.9518,
0.5798

202.5709,
180.4801, 156.1374

 1.5287, 0.5793,
0.0000

246.0681,

 0.3452, 0.0000,

221.5954, 194.7533

0.0000

295.3848,
268.5240, 239.2626

■ 0.0000, 0.0000,
0.0000

■ 43.3351, 34.3411,
24.7666

■ 43.3351, 34.3411,
24.7666

■ 39.3844, 28.5528,
16.9355

■ 48.2094, 41.4510,
34.5261

■ 36.2965, 23.9999,
10.9033

■ 54.0576, 49.9516,
46.3282

■ 34.0076, 20.5940,
6.5274

■ 60.9298, 59.9134,
60.2804

■ 32.4438, 18.2329,
3.6431

■ 68.8717, 71.4004,
76.4821

■ 31.5174, 16.7961,
2.0517

■ 77.9261, 84.4729,
95.0266

■ 31.1780, 16.2611,
1.4954

■ 84.8612, 94.7475,
108.4232

Harmonies

Analogous

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



44.8169, 34.3411, 38.8382



43.3351, 34.3411, 24.7666



38.8908, 34.3411, 16.7424

Triad

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



43.3351, 34.3411, 24.7666



24.2749, 34.3411, 22.9340



32.1440, 34.3411, 78.1710

Complementary

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



43.3351, 34.3411, 24.7666



48.0846, 61.2090, 80.5141

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.



27.0980, 34.3411, 70.4269



43.3351, 34.3411, 24.7666



22.8968, 34.3411, 35.9814

Square

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



43.3351, 34.3411, 24.7666



27.8682, 34.3411, 15.9203



23.8678, 34.3411, 53.7100



37.9280, 34.3411, 72.6279

Rectangle

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



43.3351, 34.3411, 24.7666



35.0853, 34.3411, 14.4136



23.8678, 34.3411, 53.7100



30.3114, 34.3411, 76.9950

Sweetspot

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



43.3360, 34.3428, 24.7673



80.9424, 79.6013, 80.1003



51.7087, 36.6214, 72.1575



16.8648, 16.3715, 16.2087



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.



43.3360, 34.3428, 24.7673



52.6599, 38.4395, 23.1866



51.5428, 50.7564, 27.5029



13.7637, 13.8134, 14.2476



17.9917, 9.4214, 0.8702



1.2674, 0.6936, 0.0671

Inverse Universe

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



48.0846, 61.2090, 80.5141



59.7487, 78.6187, 106.6336



37.1789, 39.3977, 76.8789



14.0528, 15.4447, 17.6282



21.6266, 30.7228, 45.8386



1.5179, 2.1672, 3.1836

Previews

White Background



This preview shows how the XYZ color 43.3351, 34.3411, 24.7666 looks on a white background.

Color Contrast Check

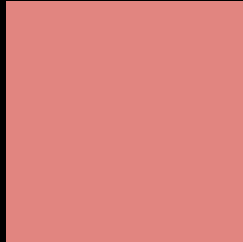
Large Text (above 18pt) WCAG AA × Fail

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 43.3351, 34.3411, 24.7666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

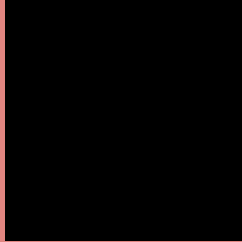
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3351, 34.3411, 24.7666

Background



This preview shows how black text looks on a background with the XYZ color 43.3351, 34.3411, 24.7666.



This preview shows how white text looks on a background with the XYZ color 43.3351, 34.3411,

24.7666.

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

43.3351, 34.3411, 24.7666

Protanopia

32.6864, 34.4542, 29.7385

Deuteranopia

35.1796, 34.3762, 24.1831



Tritanopia

44.2880, 34.3244, 29.4903

Trichromacy



Original Color

43.3351, 34.3411, 24.7666

Protanomaly

35.6849, 33.8373, 27.9430

Deuteranomaly

37.7107, 34.0365, 24.3208

Tritanomaly

44.0592, 34.4489, 27.6197

Monochromacy



Original Color

43.3351, 34.3411, 24.7666

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

36.0188, 34.1412, 32.7085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3351, 34.3411, 24.7666 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(225, 133, 128)` looks like.

```
.text, #text, p{  
    color:rgb(225, 133, 128)  
}
```

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(225, 133, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 133, 128) }
```

Border

The CSS property to change the border of an element to XYZ 43.3351, 34.3411, 24.7666 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(225, 133, 128) }
```


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

```
.border{ border-color:rgb(225, 133, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 133, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 133, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 133, 128);  
box-shadow:4px 4px 4px 4px rgb(225, 133,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3351, 34.3411, 24.7666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 133, 128) }
```

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

```
.background{ background-color: rgb(225,  
133, 128) }
```

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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