

# Converting Colors

XYZ(43.5356, 34.4213, 25.8221)

Have a look what the booklet for  
XYZ(43.5356, 34.4213, 25.8221)  
contains.

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# Color

**XYZ(43.5356, 34.4213,  
25.8221)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E18583
RGB	225, 133, 131
RGB Percent	88%, 52%, 51%
CMY	0.1176, 0.4784, 0.4863
CMYK	0.00, 0.41, 0.42, 0.12
HSL	1°, 61%, 70%
HSV	1°, 42%, 88%
XYZ	43.5356, 34.4213, 25.8221
YIQ	160.2800, 55.4740, 18.8820

# Conversions

## Conversions Part 2

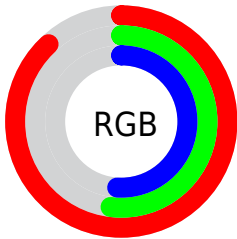
Format	Color
R <sub>Y</sub> B	225, 133, 131
Decimal	14779779
CIE Lab	65.30, 35.01, 16.37
CIE LCh	65, 38.649, 25.057
Yxy	34.4213, 0.4195, 0.3317
Android (android.graphics.Color)	4292969859 (0xFFE18583)
YUV	160.2800, -14.4350, 56.7594
Hunter-Lab	58.6697, 29.7833, 14.9736

# Details

The XYZ color **43.5356, 34.4213, 25.8221** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **49.3371, 63.0341, 80.8005**, and the grayscale version is **33.5903, 35.3396, 38.4848**.

A 20% lighter version of the original color is **67.6621, 60.2613, 53.4128**, and **20.4766, 14.8593, 9.7715** is the 20% darker color. If you saturate the color by 10%, you get **39.4678, 28.4668, 17.7420**, and if you desaturate by 10%, it is **48.5683, 41.7755, 35.8580**.

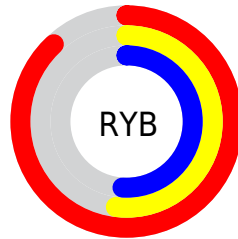
# Distribution



Red (88%)

Green (52%)

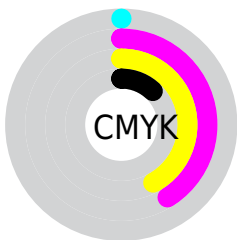
Blue (51%)



Red (88%)

Yellow (52%)

Blue (51%)

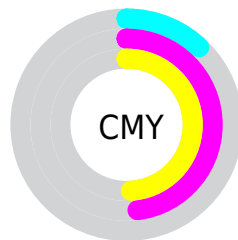


Cyan (0%)

Magenta (41%)

Yellow (42%)

Black (12%)



Cyan (12%)

Magenta (48%)


Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5356, 34.4213, 25.8221 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 43.5356, 34.4213, 25.8221 by changing the saturation by 10% instead.





 43.5356, 34.4213,  
25.8221


 43.5356, 34.4213,  
25.8221

351.6941,  
322.0066, 295.4853


 30.5019, 23.2174,  
16.4660


 79.7692, 66.5883,  
53.9684

 20.3698, 14.7541,  
9.6966


 103.6998, 88.3202,  
73.5956

 12.7740, 8.6470,  
5.0953


 131.9934,  
114.3303, 97.4837

 7.3490, 4.5117,  
2.2436

165.0154,  
145.0029, 126.0512

 3.7296, 1.9637,  
0.6993

203.1311,  
180.7224, 159.7165

 1.5503, 0.5863,  
0.0000

246.7059,

 0.3597, 0.0000,

221.8733, 198.8983

0.0000

296.1051,  
268.8399, 244.0151

■ 0.0000, 0.0000,  
0.0000

■ 43.5356, 34.4213,  
25.8221

■ 43.5356, 34.4213,  
25.8221

■ 39.4678, 28.4668,  
17.7420

■ 48.5683, 41.7755,  
35.8580

■ 36.3006, 23.8186,  
11.4885

■ 54.6191, 50.6047,  
47.9637

■ 33.9665, 20.3800,  
6.9199

■ 61.7409, 60.9852,  
62.2468

■ 32.3871, 18.0388,  
3.8728

■ 69.9818, 72.9865,  
78.8066

■ 31.4692, 16.6619,  
2.1515

■ 79.3871, 86.6737,  
97.7367

■ 31.1034, 16.1117,  
1.4705

■ 84.8613, 94.7475,  
108.4232

# Harmonies

## Analogous

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



44.7302, 34.4213, 40.2144



43.5356, 34.4213, 25.8221



39.3168, 34.4213, 17.3763

# Triad

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



43.5356, 34.4213, 25.8221



24.6206, 34.4213, 22.3782



31.7925, 34.4213, 77.6296

# Complementary

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



43.5356, 34.4213, 25.8221



49.3371, 63.0341, 80.8005

# 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.



26.8994, 34.4213, 69.0704



43.5356, 34.4213, 25.8221



23.0729, 34.4213, 34.8705

# Square

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



43.5356, 34.4213, 25.8221



28.3424, 34.4213, 15.8247



23.8569, 34.4213, 52.2026



37.5187, 34.4213, 73.1643



# Rectangle

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



43.5356, 34.4213, 25.8221



35.5880, 34.4213, 14.7957



23.8569, 34.4213, 52.2026



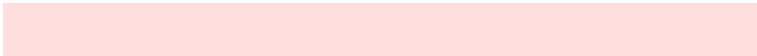
30.0036, 34.4213, 76.1232

# Sweetspot

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



43.5365, 34.4230, 25.8228



80.6742, 79.0649, 80.0109



52.5455, 37.5915, 74.6051



16.7998, 16.2415, 16.1870



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.



43.5365, 34.4230, 25.8228



53.1154, 38.8292, 24.9453



51.3821, 50.1142, 28.4380



13.7306, 13.7471, 14.2366



17.9339, 9.3058, 0.8510



1.2515, 0.6618, 0.0618



# Inverse Universe

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



49.3371, 63.0341, 80.8005



61.7755, 81.5673, 107.0959



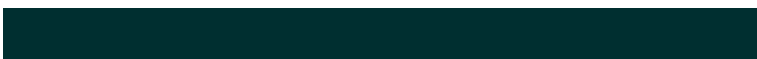
38.5613, 41.4827, 77.2086



14.0902, 15.5195, 17.6406



22.6215, 32.7125, 46.1702



1.5761, 2.2836, 3.2030



# Previews

## White Background



This preview shows how the XYZ color 43.5356, 34.4213, 25.8221 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 43.5356, 34.4213, 25.8221 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 43.5356, 34.4213, 25.8221**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.5356, 34.4213, 25.8221.



This preview shows how white text looks on a background with the XYZ color 43.5356, 34.4213,

25.8221.

# 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

43.5356, 34.4213, 25.8221

### Protanopia

32.7780, 34.4667, 31.3107

### Deuteranopia

35.2951, 34.6553, 25.2510



## Tritanopia

44.2880, 34.3244, 29.4903

# Trichromacy



## Original Color

43.5356, 34.4213, 25.8221

## Protanomaly

35.9012, 33.9238, 29.0818

## Deuteranomaly

38.0607, 34.4221, 25.4070

## Tritanomaly

44.1307, 34.4774, 27.9958

# Monochromacy



## Original Color

43.5356, 34.4213, 25.8221

## Achromatopsia

33.4132, 35.1533, 38.2819

## Achromatomaly

36.0983, 34.1730, 33.1272

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.5356, 34.4213, 25.8221 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, 131)` looks like.

```
.text, #text, p{  
    color:rgb(225, 133, 131)  
}
```

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, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 133, 131) }
```

## Border

The CSS property to change the border of an element to XYZ 43.5356, 34.4213, 25.8221 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, 131) }
```



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

```
.border{ border-color:rgb(225, 133, 131) }
```

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, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 133, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 133, 131);  
box-shadow:4px 4px 4px 4px rgb(225, 133,  
131) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.5356, 34.4213, 25.8221 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, 131) }
```

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

```
.background{ background-color: rgb(225,  
133, 131) }
```

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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