

Converting Colors

XYZ(43.5393, 35.1391, 23.5939)

Have a look what the booklet for
XYZ(43.5393, 35.1391, 23.5939)
contains.

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Color

**XYZ(43.4936, 35.0711,
23.5458)**

Conversions

Conversions Part 1

Format	Color
Hex	E1887C
RGB	225, 136, 124
RGB Percent	88%, 53%, 49%
CMY	0.1176, 0.4666, 0.5137
CMYK	0.00, 0.40, 0.45, 0.12
HSL	7°, 63%, 68%
HSV	7°, 45%, 88%
XYZ	43.4936, 35.0711, 23.5458
YIQ	161.2430, 56.8960, 15.1360

Conversions

Conversions Part 2

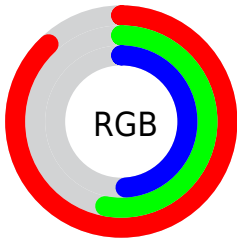
Format	Color
R _Y B	225, 138, 124
Decimal	14780540
CIE Lab	65.80, 32.70, 21.00
CIE LCh	66, 38.857, 32.706
Yxy	35.0711, 0.4259, 0.3435
Android (android.graphics.Color)	4292970620 (0xFFE1887C)
YUV	161.2430, -18.3608, 55.9149
Hunter-Lab	59.2209, 27.4593, 17.8813

Details

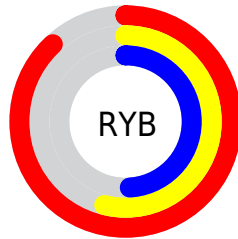
The XYZ color **43.4936, 35.0711, 23.5458** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **45.6959, 57.3073, 79.8871**, and the grayscale version is **34.0544, 35.8278, 39.0165**.

A 20% lighter version of the original color is **67.5893, 61.2612, 49.8572**, and **20.4548, 15.2205, 8.5164** is the 20% darker color. If you saturate the color by 10%, you get **39.6911, 29.4894, 16.0411**, and if you desaturate by 10%, it is **48.1389, 41.8190, 32.9336**.

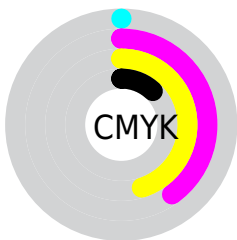
Distribution



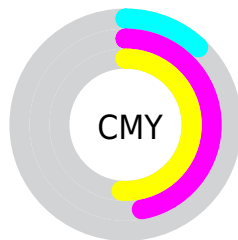
- Red (88%)
- Green (53%)
- Blue (49%)



- Red (88%)
- Yellow (54%)
- Blue (49%)



- Cyan (0%)
- Magenta (40%)
- Yellow (45%)
- Black (12%)





- Cyan (12%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4936, 35.0711, 23.5458 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 43.4936, 35.0711, 23.5458 by changing the saturation by 10% instead.


 43.4936, 35.0711,
23.5458


 43.4936, 35.0711,
23.5458


351.5250,
324.8821, 283.7283


 30.4688, 23.7176,
14.7880


 79.7063, 67.5959,
50.2225

 20.3445, 15.1243,
8.5257


 103.6248, 89.5360,
68.9784

 12.7554, 8.9067,
4.3406

 131.9054,
115.7739, 91.9041

 7.3362, 4.6804,
1.8140

164.9132,
146.6938, 119.4182

 3.7214, 2.0610,
0.4372

203.0138,
182.6801, 151.9391

 1.5458, 0.6425,
0.0000

246.5723,

 0.3567, 0.0000,

224.1174, 189.8854

0.0000

295.9543,
271.3899, 233.6756

■ 0.0000, 0.0000,
0.0000

■ 43.4936, 35.0711,
23.5458

■ 43.4936, 35.0711,
23.5458

■ 39.6911, 29.4894,
16.0411

■ 48.1389, 41.8190,
32.9336

■ 36.6780, 25.0027,
10.2902

■ 53.6710, 49.7886,
44.3180

■ 34.3985, 21.5401,
6.1506


■ 60.1340, 59.0382,
57.8059


■ 32.7886, 19.0201,
3.4566


■ 67.5681, 69.6207,
73.4959

■ 31.7724, 17.3485,
2.0060

■ 76.0112, 81.5862,
91.4806

 31.4374, 16.7797,
1.5819

 84.8484, 94.7217,
108.4189

 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.



45.5982, 35.0711, 36.7160



43.4936, 35.0711, 23.5458



38.6472, 35.0711, 16.4455

Triad

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



43.4936, 35.0711, 23.5458



24.4685, 35.0711, 25.4651



33.8569, 35.0711, 79.1842

Complementary

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



43.4936, 35.0711, 23.5458



45.6959, 57.3073, 79.8871

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.



28.5316, 35.0711, 73.6609



43.4936, 35.0711, 23.5458



23.4933, 35.0711, 39.6957

Square

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



43.4936, 35.0711, 23.5458



27.7270, 35.0711, 17.3099



24.8942, 35.0711, 57.9042



39.6501, 35.0711, 71.3763

Rectangle

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



43.4936, 35.0711, 23.5458



34.7529, 35.0711, 14.6564



24.8942, 35.0711, 57.9042



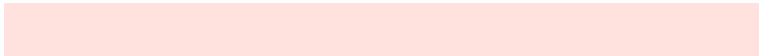
31.9543, 35.0711, 78.8266

Sweetspot

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



43.4945, 35.0729, 23.5465



81.5441, 80.8046, 80.3009



50.2969, 35.2382, 67.2458



17.0110, 16.6638, 16.2574



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.



43.4945, 35.0729, 23.5465



52.9478, 39.5099, 21.7578



52.3082, 52.7003, 26.4844



13.8378, 13.9616, 14.2723



18.1598, 9.7575, 0.9263



1.3028, 0.7644, 0.0789

Inverse Universe

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



45.6959, 57.3073, 79.8871



56.1855, 72.5407, 105.6482



34.9500, 35.8155, 76.3051



13.9702, 15.2796, 17.6006



19.5588, 26.5872, 45.1494



1.3955, 1.9225, 3.1428

Previews

White Background



This preview shows how the XYZ color 43.4936, 35.0711, 23.5458 looks on a white background.

Color Contrast Check

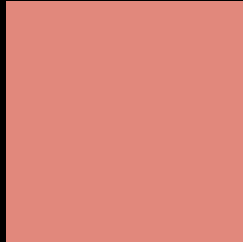
Large Text (above 18pt) WCAG AA × Fail

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 43.4936, 35.0711, 23.5458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

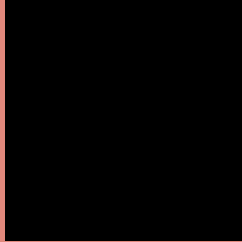
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.4936, 35.0711, 23.5458

Background



This preview shows how black text looks on a background with the XYZ color 43.4936, 35.0711, 23.5458.



This preview shows how white text looks on a background with the XYZ color 43.4936, 35.0711,

23.5458.

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

43.4936, 35.0711, 23.5458

Protanopia

33.3062, 35.3259, 27.9848

Deuteranopia

35.9931, 35.3105, 23.0077



Tritanopia

45.0240, 35.0891, 30.3865

Trichromacy



Original Color

43.4936, 35.0711, 23.5458

Protanomaly

36.1496, 34.5907, 26.2441

Deuteranomaly

38.3037, 34.8291, 23.1162

Tritanomaly

44.3331, 34.9965, 27.7109

Monochromacy



Original Color

43.4936, 35.0711, 23.5458

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

36.3407, 34.7849, 32.8158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4936, 35.0711, 23.5458 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, 136, 124)` looks like.

```
.text, #text, p{  
    color:rgb(225, 136, 124)  
}
```

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, 136, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 136, 124) }
```

Border

The CSS property to change the border of an element to XYZ 43.4936, 35.0711, 23.5458 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, 136, 124) }
```


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

```
.border{ border-color:rgb(225, 136, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 136, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 136, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 136, 124);  
box-shadow:4px 4px 4px 4px rgb(225, 136,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4936, 35.0711, 23.5458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 136, 124) }
```

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

```
.background{ background-color: rgb(225,  
136, 124) }
```

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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