

Converting Colors

XYZ(51.6480, 44.6505, 36.0995)

Have a look what the booklet for
XYZ(51.6480, 44.6505, 36.0995)
contains.

| | |
|--|----|
| XYZ(51.5993, 44.5973, 36.0256) | 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(51.5993, 44.5973,
36.0256)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E8A099 |
| RGB | 232, 160, 153 |
| RGB Percent | 91%, 63%, 60% |
| CMY | 0.0902, 0.3725, 0.4000 |
| CMYK | 0.00, 0.31, 0.34, 0.09 |
| HSL | 5°, 63%, 75% |
| HSV | 5°, 34%, 91% |
| XYZ | 51.5993, 44.5973, 36.0256 |
| YIQ | 180.7300, 45.1590, 13.0870 |

Conversions

Conversions Part 2

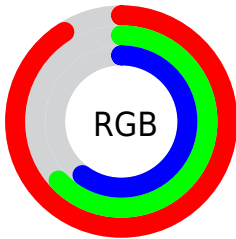
| Format | Color |
|-------------------------------------|---|
| RYB | 232, 161, 153 |
| Decimal | 15245465 |
| CIELab | 72.63, 25.88, 14.47 |
| CIElCh | 73, 29.650, 29.220 |
| Yxy | 44.5973, 0.3902, 0.3373 |
| Android (android.graphics.Color) | 4293435545 (0xFFE8A099) |
| YUV | 180.7300, -13.6709, 44.9638 |
| Hunter-Lab | 66.7812, 21.0530, 14.7624 |

Details

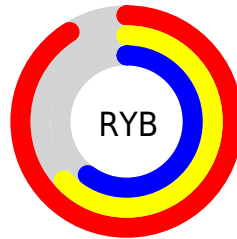
The XYZ color **51.5993, 44.5973, 36.0256** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.6267, 66.4467, 86.2904**, and the grayscale version is **43.8306, 46.1132, 50.2172**.

A 20% lighter version of the original color is **76.8029, 74.3659, 69.3376**, and **25.2164, 20.6831, 15.2336** is the 20% darker color. If you saturate the color by 10%, you get **46.5075, 37.1878, 25.7760**, and if you desaturate by 10%, it is **57.6893, 53.4067, 48.4468**.

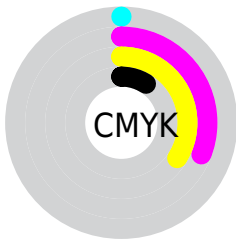
Distribution



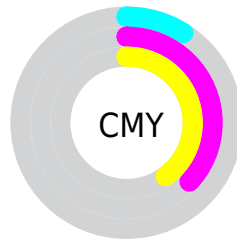
- Red (91%)
- Green (63%)
- Blue (60%)



- Red (91%)
- Yellow (63%)
- Blue (60%)



- Cyan (0%)
- Magenta (31%)
- Yellow (34%)
- Black (9%)





- Cyan (9%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5993, 44.5973, 36.0256 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 51.5993, 44.5973, 36.0256 by changing the saturation by 10% instead.


 51.5993, 44.5973,
36.0256


 51.5993, 44.5973,
36.0256


383.2371,
365.1402, 344.1132

 36.9088, 31.1404,
24.1641


 91.7178, 82.1158,
70.2411

 25.3102, 20.7057,
15.2421


 117.8764,
106.9461, 93.4321

 16.4383, 12.9091,
8.8410

148.5884,
136.3364, 121.2368

 9.9276, 7.3660,
4.5422

184.2192,
170.6709, 154.0736

 5.4129, 3.6920,
1.9273

225.1341,
210.3342, 192.3611

 2.5287, 1.5028,
0.5100

271.6985,

 0.9098, 0.2907,

255.7105, 236.5179

0.0000

324.2777,
307.1844, 286.9624

■ 0.0000, 0.0000,
0.0000

■ 51.5993, 44.5973,
36.0256

■ 51.5993, 44.5973,
36.0256

■ 46.5075, 37.1878,
25.7760

■ 57.6893, 53.4067,
48.4468

■ 42.3572, 31.1000,
17.5706

■ 64.8233, 63.6762,
63.1517

■ 39.0914, 26.2580,
11.2730

■ 73.0483, 75.4700,
80.2477

■ 36.6453, 22.5755,
6.7290

■ 82.4076, 88.8470,
99.8349

■ 34.9455, 19.9549,
3.7602

■ 87.0888, 95.8958,
108.5274

■ 33.9047, 18.2830,
2.1504

■ 33.5391, 17.6765,
1.6442

Harmonies

Analogous

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



53.0434, 44.5973, 48.9447



51.5993, 44.5973, 36.0256



47.6427, 44.5973, 28.0969

Triad

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



51.5993, 44.5973, 36.0256



34.4615, 44.5973, 35.4821



42.2542, 44.5973, 82.6624

Complementary

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



51.5993, 44.5973, 36.0256



54.6267, 66.4467, 86.2904

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.



37.5354, 44.5973, 77.1181



51.5993, 44.5973, 36.0256



33.2653, 44.5973, 48.1751

Square

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



51.5993, 44.5973, 36.0256



37.7504, 44.5973, 27.8306



34.3445, 44.5973, 63.7064



47.3915, 44.5973, 77.6431

Rectangle

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



51.5993, 44.5973, 36.0256



44.2614, 44.5973, 25.7472



34.3445, 44.5973, 63.7064



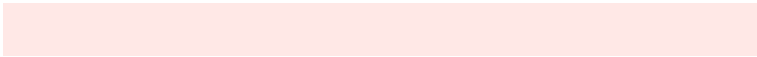
40.5690, 44.5973, 81.9569

Sweetspot

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



51.6005, 44.5994, 36.0265



84.2422, 84.5239, 86.3700



58.3178, 45.3978, 77.2217



17.7303, 17.6597, 17.8619



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.



51.6005, 44.5994, 36.0265



59.3037, 48.5212, 35.2844



59.4714, 60.3413, 38.6501



14.4792, 14.5723, 14.9541



18.6578, 9.8897, 0.9255



1.4143, 0.8020, 0.0803

Inverse Universe

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



54.6267, 66.4467, 86.2904



63.5843, 79.4942, 106.6004



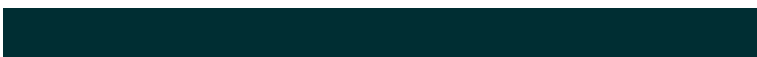
45.2442, 47.6817, 83.1629



14.6924, 16.1063, 18.4788



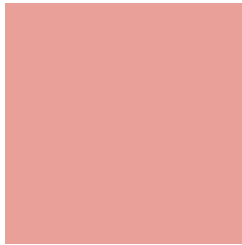
21.1254, 29.3129, 46.9277



1.5933, 2.2306, 3.4785

Previews

White Background



This preview shows how the XYZ color 51.5993, 44.5973, 36.0256 looks on a white background.

Color Contrast Check

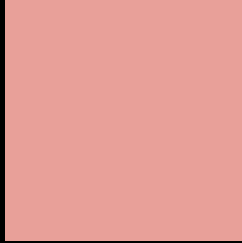
Large Text (above 18pt) WCAG AA × Fail

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 51.5993, 44.5973, 36.0256 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 51.5993, 44.5973, 36.0256

Background



This preview shows how black text looks on a background with the XYZ color 51.5993, 44.5973, 36.0256.



This preview shows how white text looks on a background with the XYZ color 51.5993, 44.5973,

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

51.5993, 44.5973, 36.0256

Protanopia

42.6917, 44.8885, 40.5967

Deuteranopia

45.7920, 44.8612, 35.5237



Tritanopia

53.3200, 44.8107, 43.3752

Trichromacy



Original Color

51.5993, 44.5973, 36.0256

Protanomaly

45.4495, 44.3255, 38.9611

Deuteranomaly

47.6945, 44.7193, 35.8237

Tritanomaly

52.6133, 44.7643, 40.5177

Monochromacy



Original Color

51.5993, 44.5973, 36.0256

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

46.1137, 45.1068, 44.8041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5993, 44.5973, 36.0256 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(232, 160, 153)` looks like.

```
.text, #text, p{  
    color:rgb(232, 160, 153)  
}
```

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(232, 160, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 160, 153) }
```

Border

The CSS property to change the border of an element to XYZ 51.5993, 44.5973, 36.0256 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(232, 160, 153) }
```


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

```
.border{ border-color:rgb(232, 160, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 160, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 160, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 160, 153);  
box-shadow:4px 4px 4px 4px rgb(232, 160,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5993, 44.5973, 36.0256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 160, 153) }
```

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

```
.background{ background-color: rgb(232,  
160, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor