

Converting Colors

XYZ(51.4132, 42.4191, 44.3692)

Have a look what the booklet for
XYZ(51.4132, 42.4191, 44.3692)
contains.

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Color

**XYZ(51.3078, 42.2580,
44.4821)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E698AC |
| RGB | 230, 152, 172 |
| RGB Percent | 90%, 60%, 67% |
| CMY | 0.0980, 0.4039, 0.3255 |
| CMYK | 0.00, 0.34, 0.25, 0.10 |
| HSL | 345°, 61%, 75% |
| HSV | 345°, 34%, 90% |
| XYZ | 51.3078, 42.2580, 44.4821 |
| YIQ | 177.6020, 40.0680, 22.7560 |

Conversions

Conversions Part 2

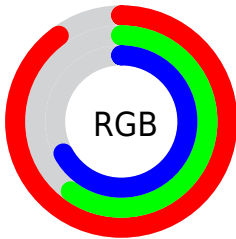
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 230, 152, 172 |
| Decimal | 15112364 |
| CIE Lab | 71.05, 31.91, 1.68 |
| CIE LCh | 71, 31.952, 3.018 |
| Yxy | 42.2580, 0.3717, 0.3061 |
| Android (android.graphics.Color) | 4293302444 (0xFFE698AC) |
| YUV | 177.6020, -2.7618, 45.9530 |
| Hunter-Lab | 65.0062, 27.1250, 4.9336 |

Details

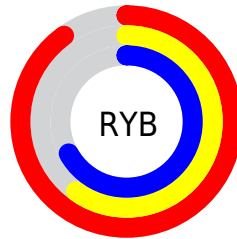
The XYZ color **51.3078, 42.2580, 44.4821** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.8805, 67.9233, 71.2996**, and the grayscale version is **42.1070, 44.2999, 48.2426**.

A 20% lighter version of the original color is **77.4180, 71.4317, 82.3804**, and **25.1809, 19.3546, 20.1779** is the 20% darker color. If you saturate the color by 10%, you get **46.3921, 34.8882, 35.2541**, and if you desaturate by 10%, it is **57.1611, 51.1639, 55.0666**.

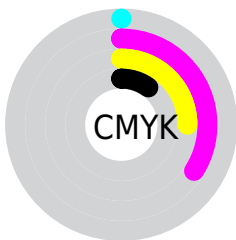
Distribution



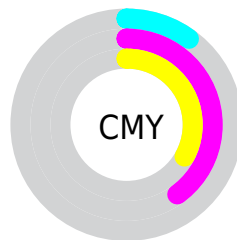
- Red (90%)
- Green (60%)
- Blue (67%)



- Red (90%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (34%)
- Yellow (25%)
- Black (10%)





- Cyan (10%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3078, 42.2580, 44.4821 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 51.3078, 42.2580, 44.4821 by changing the saturation by 10% instead.


 51.3078, 42.2580,
44.4821


 51.3078, 42.2580,
44.4821


382.1265,
355.5513, 380.7708

 36.6757, 29.3034,
30.7097


 91.2899, 78.5899,
83.2529

 25.1290, 19.3104,
20.1213


 117.3705,
102.7361, 109.0884

 16.3024, 11.8948,
12.2983


147.9981,
131.3814, 139.7820

 9.8306, 6.6721,
6.8222

183.5378,
164.9105, 175.7523

 5.3482, 3.2579,
3.2744

224.3552,
203.7076, 217.4177

 2.4898, 1.2678,
1.2364

270.8155,

 0.8901, 0.1161,

248.1572, 265.1970

0.0088

323.2842,
298.6436, 319.5085

■ 0.0000, 0.0000,
0.0000

■ 51.3078, 42.2580,
44.4821

■ 51.3078, 42.2580,
44.4821

■ 46.3921, 34.8882,
35.2541

■ 57.1611, 51.1639,
55.0666

■ 42.3605, 28.9613,
27.3240

■ 63.9946, 61.6803,
67.0578

■ 39.1592, 24.3833,
20.6322

■ 71.8527, 73.8836,
80.5066

■ 36.7272, 21.0465,
15.1135

■ 80.7758, 87.8440,
95.4602

■ 34.9943, 18.8263,
10.6959

■ 86.4433, 95.5631,
108.4972

■ 33.8764, 17.5717,
7.2984

■ 33.4218, 17.1385,
5.6794

Harmonies

Analogous

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



50.0205, 42.2580, 60.6744



51.3078, 42.2580, 44.4821



49.3978, 42.2580, 31.7848

Triad

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



51.3078, 42.2580, 44.4821



34.8292, 42.2580, 25.5078



35.6869, 42.2580, 77.4821

Complementary

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



51.3078, 42.2580, 44.4821



52.8805, 67.9233, 71.2996

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.



32.1608, 42.2580, 63.9538



51.3078, 42.2580, 44.4821



31.6973, 42.2580, 33.9249

Square

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



51.3078, 42.2580, 44.4821



39.6272, 42.2580, 22.4626



30.7649, 42.2580, 47.5761



40.7075, 42.2580, 82.0387

Rectangle

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



51.3078, 42.2580, 44.4821



46.6593, 42.2580, 26.3030



30.7649, 42.2580, 47.5761



34.3031, 42.2580, 73.7049

Sweetspot

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



51.3090, 42.2600, 44.4829



84.5436, 83.6340, 91.0724



51.8638, 41.7563, 80.1896



17.8028, 17.4468, 18.9896



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.



51.3090, 42.2600, 44.4829



60.1794, 46.4010, 47.5119



52.7144, 47.9165, 36.1786



14.5279, 14.4283, 15.7141



18.9635, 9.7196, 3.4368



1.4384, 0.7331, 0.4490

Inverse Universe

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



51.3090, 42.2600, 44.4829



60.1794, 46.4010, 47.5119



50.7269, 59.3771, 83.6507



14.5279, 14.4283, 15.7141



18.9635, 9.7196, 3.4368



1.4384, 0.7331, 0.4490

Previews

White Background



This preview shows how the XYZ color 51.3078, 42.2580, 44.4821 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 51.3078, 42.2580, 44.4821 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 51.3078, 42.2580, 44.4821

Background



This preview shows how black text looks on a background with the XYZ color 51.3078, 42.2580, 44.4821.



This preview shows how white text looks on a background with the XYZ color 51.3078, 42.2580,

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

51.3078, 42.2580, 44.4821

Protanopia

41.0509, 42.3465, 51.3575

Deuteranopia

43.3417, 42.5780, 43.4701



Tritanopia

50.4959, 42.1571, 41.0730

Trichromacy



Original Color

51.3078, 42.2580, 44.4821

Protanomaly

43.9415, 41.6749, 48.9081

Deuteranomaly

45.8065, 42.2185, 43.7649

Tritanomaly

50.7722, 42.2676, 42.5283

Monochromacy



Original Color

51.3078, 42.2580, 44.4821

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.0504, 43.3808, 47.0732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3078, 42.2580, 44.4821 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(230, 152, 172)` looks like.

```
.text, #text, p{  
    color:rgb(230, 152, 172)  
}
```

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(230, 152, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 152, 172) }
```

Border

The CSS property to change the border of an element to XYZ 51.3078, 42.2580, 44.4821 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(230, 152, 172) }
```


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

```
.border{ border-color:rgb(230, 152, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 152, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 152, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 152, 172);  
box-shadow:4px 4px 4px 4px rgb(230, 152,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3078, 42.2580, 44.4821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 152, 172) }
```

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

```
.background{ background-color: rgb(230,  
152, 172) }
```

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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