

Converting Colors

XYZ(58.0230, 51.3081, 61.0036)

Have a look what the booklet for
XYZ(58.0230, 51.3081, 61.0036)
contains.

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Color

**XYZ(58.0780, 51.2186,
60.8580)**

Conversions

Conversions Part 1

Format	Color
Hex	E6AEC7
RGB	230, 174, 199
RGB Percent	90%, 68%, 78%
CMY	0.0980, 0.3176, 0.2196
CMYK	0.00, 0.24, 0.13, 0.10
HSL	333°, 53%, 79%
HSV	333°, 24%, 90%
XYZ	58.0780, 51.2186, 60.8580
YIQ	193.5940, 25.3510, 19.6470

Conversions

Conversions Part 2

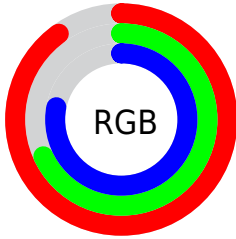
Format	Color
R _Y B	230, 174, 199
Decimal	15118023
CIE Lab	76.81, 24.24, -4.73
CIE LCh	77, 24.696, 348.965
Yxy	51.2186, 0.3413, 0.3010
Android (android.graphics.Color)	4293308103 (0xFFE6AEC7)
YUV	193.5940, 2.6652, 31.9281
Hunter-Lab	71.5672, 19.6133, -0.3209

Details

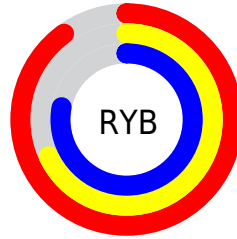
The XYZ color **58.0780, 51.2186, 60.8580** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.7739, 70.0015, 68.2802**, and the grayscale version is **51.0138, 53.6705, 58.4472**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **29.4038, 24.7177, 30.0093** is the 20% darker color. If you saturate the color by 10%, you get **52.5924, 42.5147, 52.0382**, and if you desaturate by 10%, it is **64.4511, 61.4982, 70.5852**.

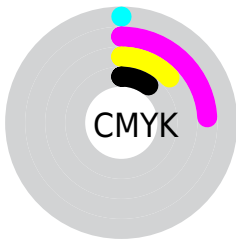
Distribution



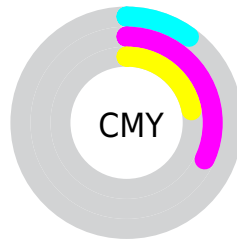
- Red (90%)
- Green (68%)
- Blue (78%)



- Red (90%)
- Yellow (68%)
- Blue (78%)



- Cyan (0%)
- Magenta (24%)
- Yellow (13%)
- Black (10%)



- Cyan (10%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0780, 51.2186, 60.8580 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 58.0780, 51.2186, 60.8580 by changing the saturation by 10% instead.

■ 58.0780, 51.2186,
60.8580

■ 58.0780, 51.2186,
60.8580

407.4257,
391.4125, 445.6453

■ 42.1149, 36.3826,
43.6808

■ 101.1587, 91.9778,
107.6288

■ 29.3827, 24.7298,
30.0843

129.0071,
118.6698, 138.0595

■ 19.5163, 15.8759,
19.6500

161.5478,
150.0826, 173.7451

■ 12.1501, 9.4364,
11.9593

199.1464,
186.6007, 215.1041

■ 6.9189, 5.0269,
6.5938

242.1681,
228.6082, 262.5551

■ 3.4573, 2.2630,
3.1348

290.9783,

■ 1.4000, 0.7540,

276.4898, 316.5166

1.1639

345.9424,
330.6298, 377.4071

■ 0.2562, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0780, 51.2186,
60.8580

■ 58.0780, 51.2186,
60.8580

■ 52.5924, 42.5147,
52.0382

■ 64.4511, 61.4982,
70.5852

■ 47.9480, 35.3007,
44.0937

■ 71.7461, 73.4197,
81.2438

■ 44.1011, 29.4936,
36.9951

■ 80.0011, 87.0539,
92.8610

■ 41.0018, 24.9988,
30.7097

■ 85.6383, 95.2411,
104.2577

■ 38.5945, 21.7103,
25.2021

■ 86.4434, 95.5632,
108.4972

■ 36.8148, 19.5053,
20.4333

■ 35.5848, 18.2341,
16.3586

■ 35.0651, 17.7958,
14.3321

Harmonies

Analogous

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



55.8042, 51.2186, 74.4958



58.0780, 51.2186, 60.8580



57.7157, 51.2186, 47.7905

Triad

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



58.0780, 51.2186, 60.8580



45.8100, 51.2186, 34.7398



42.9993, 51.2186, 77.6008

Complementary

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



58.0780, 51.2186, 60.8580



56.7739, 70.0015, 68.2802

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.



40.6434, 51.2186, 64.5880



58.0780, 51.2186, 60.8580



42.1927, 51.2186, 40.4761

Square

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



58.0780, 51.2186, 60.8580



50.4279, 51.2186, 34.0700



40.3579, 51.2186, 50.9707



46.9764, 51.2186, 85.1448

Rectangle

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



58.0780, 51.2186, 60.8580



56.0337, 51.2186, 41.0558



40.3579, 51.2186, 50.9707



42.0027, 51.2186, 73.6327

Sweetspot

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



58.0795, 51.2209, 60.8591



88.0671, 88.5151, 98.9242



54.5427, 48.9385, 81.4350



18.7271, 18.7446, 20.9957



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.



58.0795, 51.2209, 60.8591



69.9194, 59.1862, 71.3978



55.9576, 51.2467, 46.9895



14.6430, 14.4744, 16.3205



19.9112, 10.0987, 8.4275



1.5176, 0.7647, 0.8660

Inverse Universe

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



58.0795, 51.2209, 60.8591



69.9194, 59.1862, 71.3978



59.2640, 69.7608, 85.2053



14.6430, 14.4744, 16.3205



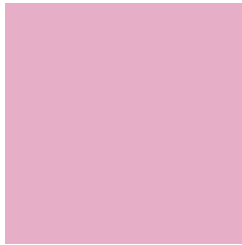
19.9112, 10.0987, 8.4275



1.5176, 0.7647, 0.8660

Previews

White Background



This preview shows how the XYZ color 58.0780, 51.2186, 60.8580 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 58.0780, 51.2186, 60.8580 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 58.0780, 51.2186, 60.8580

Background



This preview shows how black text looks on a background with the XYZ color 58.0780, 51.2186, 60.8580.



This preview shows how white text looks on a background with the XYZ color 58.0780, 51.2186,

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

58.0780, 51.2186, 60.8580

Protanopia

50.3218, 51.6406, 66.9899

Deuteranopia

52.3954, 51.2913, 59.9620



Tritanopia

57.0237, 51.3828, 55.0565

Trichromacy



Original Color

58.0780, 51.2186, 60.8580

Protanomaly

52.7885, 51.3853, 64.8937

Deuteranomaly

54.2459, 51.0159, 60.4141

Tritanomaly

57.2687, 51.1682, 57.3101

Monochromacy



Original Color

58.0780, 51.2186, 60.8580

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.4663, 52.7916, 59.5964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0780, 51.2186, 60.8580 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, 174, 199)` looks like.

```
.text, #text, p{  
    color:rgb(230, 174, 199)  
}
```

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, 174, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 174, 199) }
```

Border

The CSS property to change the border of an element to XYZ 58.0780, 51.2186, 60.8580 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, 174, 199) }
```


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

```
.border{ border-color:rgb(230, 174, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 174, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 174, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 174, 199);  
box-shadow:4px 4px 4px 4px rgb(230, 174,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0780, 51.2186, 60.8580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 174, 199) }
```

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

```
.background{ background-color: rgb(230,  
174, 199) }
```

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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