

Converting Colors

XYZ(58.8113, 51.1588, 56.4761)

Have a look what the booklet for
XYZ(58.8113, 51.1588, 56.4761)
contains.

XYZ(58.8590, 51.1437, 56.6387)	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(58.8590, 51.1437,
56.6387)**

Conversions

Conversions Part 1

Format	Color
Hex	ECACC0
RGB	236, 172, 192
RGB Percent	93%, 67%, 75%
CMY	0.0745, 0.3255, 0.2471
CMYK	0.00, 0.27, 0.19, 0.07
HSL	341°, 63%, 80%
HSV	341°, 27%, 93%
XYZ	58.8590, 51.1437, 56.6387
YIQ	193.4160, 31.7240, 19.7880

Conversions

Conversions Part 2

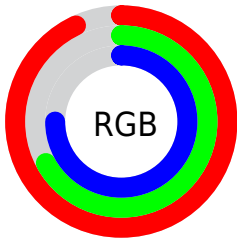
Format	Color
R _Y B	236, 172, 192
Decimal	15510720
CIE Lab	76.77, 26.33, -0.91
CIE LCh	77, 26.344, 358.029
Yxy	51.1437, 0.3532, 0.3069
Android (android.graphics.Color)	4293700800 (0xFFECACC0)
YUV	193.4160, -0.6981, 37.3462
Hunter-Lab	71.5148, 21.7603, 3.1036

Details

The XYZ color **58.8590, 51.1437, 56.6387** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.4055, 73.7207, 76.0678**, and the grayscale version is **50.9255, 53.5776, 58.3460**.

A 20% lighter version of the original color is **85.9267, 83.5241, 100.3999**, and **29.8474, 24.6414, 27.6092** is the 20% darker color. If you saturate the color by 10%, you get **53.0601, 42.2660, 46.3193**, and if you desaturate by 10%, it is **65.6566, 61.7005, 68.2702**.

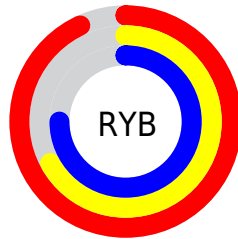
Distribution



Red (93%)

Green (67%)

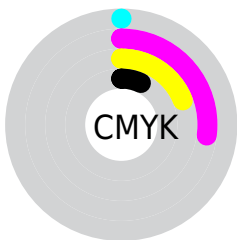
Blue (75%)



Red (93%)

Yellow (67%)

Blue (75%)

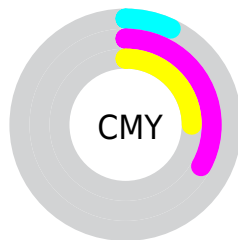


Cyan (0%)

Magenta (27%)

Yellow (19%)

Black (7%)



Cyan (7%)


Magenta (33%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8590, 51.1437, 56.6387 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 58.8590, 51.1437, 56.6387 by changing the saturation by 10% instead.


 58.8590, 51.1437,
56.6387

 58.8590, 51.1437,
56.6387


410.2816,
391.1218, 429.5498

 42.7456, 36.3230,
40.3078

 102.2885, 91.8672,
101.4329

 29.8792, 24.6837,
27.4630


130.3353,
118.5387, 130.7333

 19.8945, 15.8416,
17.6858


163.0905,
149.9293, 165.1939

 12.4262, 9.4121,
10.5575

200.9197,
186.4233, 205.2334

 7.1089, 5.0110,
5.6597

244.1880,
228.4052, 251.2702

 3.5772, 2.2537,
2.5739

293.2608,

 1.4659, 0.7490,

276.2593, 303.7228

0.8789

348.5036,
330.3700, 363.0098

■ 0.3024, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8590, 51.1437,
56.6387

■ 58.8590, 51.1437,
56.6387

■ 53.0601, 42.2660,
46.3193

■ 65.6566, 61.7005,
68.2702

■ 48.2071, 34.9734,
37.2609

■ 73.4937, 74.0100,
81.2557

■ 44.2483, 29.1733,
29.4138

■ 82.4142, 88.1498,
95.6393

■ 41.1258, 24.7607,
22.7234

■ 88.4022, 96.5730,
108.5889

■ 38.7738, 21.6167,
17.1304

■ 37.1163, 19.6019,
12.5692

■ 36.0563, 18.5368,
8.9642

■ 35.8195, 18.3239,
8.0815

Harmonies

Analogous

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



57.2252, 51.1437, 71.5643



58.8590, 51.1437, 56.6387



57.5944, 51.1437, 43.7314

Triad

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



58.8590, 51.1437, 56.6387



44.2340, 51.1437, 34.7579



43.6986, 51.1437, 82.4430

Complementary

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



58.8590, 51.1437, 56.6387



59.4055, 73.7207, 76.0678

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.



40.6131, 51.1437, 69.6438



58.8590, 51.1437, 56.6387



40.9070, 51.1437, 42.3507

Square

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



58.8590, 51.1437, 56.6387



48.9418, 51.1437, 32.4650



39.6266, 51.1437, 54.7456



48.2808, 51.1437, 87.9624

Rectangle

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



58.8590, 51.1437, 56.6387



55.3232, 51.1437, 37.6318



39.6266, 51.1437, 54.7456



42.4641, 51.1437, 78.7523

Sweetspot

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



58.8604, 51.1461, 56.6398



86.7072, 86.7972, 95.3823



58.1349, 50.1221, 85.9678



18.2431, 18.0806, 19.8974



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.



58.8604, 51.1461, 56.6398



65.8690, 54.3670, 59.9314



59.1254, 54.9841, 46.5294



15.2593, 15.1316, 16.6509



19.7956, 10.1209, 4.7250



1.5964, 0.8115, 0.5919

Inverse Universe

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



58.8604, 51.1461, 56.6398



65.8690, 54.3670, 59.9314



58.8827, 68.2830, 89.4338



15.2593, 15.1316, 16.6509



19.7956, 10.1209, 4.7250



1.5964, 0.8115, 0.5919

Previews

White Background



This preview shows how the XYZ color 58.8590, 51.1437, 56.6387 looks on a white background.

Color Contrast Check

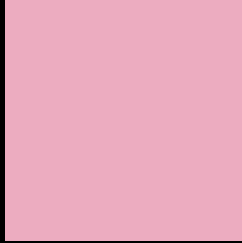
Large Text (above 18pt) WCAG AA × Fail

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 58.8590, 51.1437, 56.6387 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 58.8590, 51.1437, 56.6387

Background



This preview shows how black text looks on a background with the XYZ color 58.8590, 51.1437, 56.6387.



This preview shows how white text looks on a background with the XYZ color 58.8590, 51.1437,

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

58.8590, 51.1437, 56.6387

Protanopia

50.0935, 51.6066, 63.1980

Deuteranopia

52.4472, 51.4086, 55.8738



Tritanopia

58.0674, 51.0945, 53.2561

Trichromacy



Original Color

58.8590, 51.1437, 56.6387

Protanomaly

52.8587, 51.2096, 60.5246

Deuteranomaly

54.6387, 51.3095, 56.3142

Tritanomaly

58.2816, 51.1801, 54.3839

Monochromacy



Original Color

58.8590, 51.1437, 56.6387

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

53.2691, 52.1035, 57.7015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8590, 51.1437, 56.6387 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(236, 172, 192) looks like.

```
.text, #text, p{  
    color:rgb(236, 172, 192)  
}
```

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(236, 172, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 172, 192) }
```

Border

The CSS property to change the border of an element to XYZ 58.8590, 51.1437, 56.6387 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(236, 172, 192) }
```


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

```
.border{ border-color:rgb(236, 172, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 172, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 172, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 172, 192);  
box-shadow:4px 4px 4px 4px rgb(236, 172,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8590, 51.1437, 56.6387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 172, 192) }
```

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

```
.background{ background-color: rgb(236,  
172, 192) }
```

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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