

Converting Colors

XYZ(57.9464, 52.6629, 43.8635)

Have a look what the booklet for
XYZ(57.9464, 52.6629, 43.8635)
contains.

XYZ(57.8205, 52.6353, 43.6714)	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(57.8205, 52.6353,
43.6714)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB2A7
RGB	237, 178, 167
RGB Percent	93%, 70%, 65%
CMY	0.0706, 0.3019, 0.3451
CMYK	0.00, 0.25, 0.30, 0.07
HSL	9°, 66%, 79%
HSV	9°, 30%, 93%
XYZ	57.8205, 52.6353, 43.6714
YIQ	194.3870, 38.6950, 9.0870

Conversions

Conversions Part 2

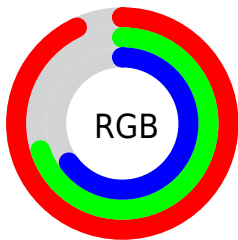
Format	Color
R _Y B	237, 180, 167
Decimal	15577767
CIE Lab	77.66, 19.96, 13.99
CIE LCh	78, 24.370, 35.025
Yxy	52.6353, 0.3751, 0.3415
Android (android.graphics.Color)	4293767847 (0xFFEDB2A7)
YUV	194.3870, -13.5018, 37.3716
Hunter-Lab	72.5502, 15.2967, 15.0957

Details

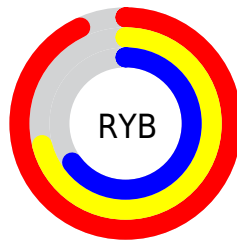
The XYZ color **57.8205, 52.6353, 43.6714** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.4180, 68.7206, 90.3064**, and the grayscale version is **51.5701, 54.2557, 59.0845**.

A 20% lighter version of the original color is **83.8476, 85.3796, 81.1679**, and **29.2505, 25.6083, 19.6209** is the 20% darker color. If you saturate the color by 10%, you get **52.1382, 44.4614, 31.9404**, and if you desaturate by 10%, it is **64.4858, 62.1321, 57.7121**.

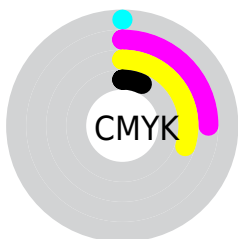
Distribution



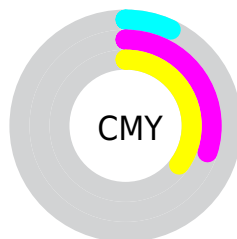
- Red (93%)
- Green (70%)
- Blue (65%)



- Red (93%)
- Yellow (71%)
- Blue (65%)



- Cyan (0%)
- Magenta (25%)
- Yellow (30%)
- Black (7%)



- Cyan (7%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8205, 52.6353, 43.6714 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 57.8205, 52.6353, 43.6714 by changing the saturation by 10% instead.

57.8205, 52.6353,
43.6714

57.8205, 52.6353,
43.6714

406.4814,
396.8843, 377.3677

41.9071, 37.5117,
30.0770

100.7859, 94.0675,
82.0202

29.2193, 25.6039,
19.6445

128.5685,
121.1449, 107.6117

19.3919, 16.5276,
11.9554

161.0383,
152.9757, 138.0393

12.0595, 9.8982,
6.5911

198.5606,
189.9443, 173.7216

6.8567, 5.3315,
3.1332

241.5006,
232.4350, 215.0770

3.4182, 2.4431,
1.1630

290.2239,

1.3786, 0.8479,

280.8324, 262.5241

0.0000

345.0957,
335.5207, 316.4815

■ 0.2409, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.8205, 52.6353,
43.6714

■ 57.8205, 52.6353,
43.6714

■ 52.1382, 44.4614,
31.9404

■ 64.4858, 62.1321,
57.7121

■ 47.3879, 37.5444,
22.3919

■ 72.1736, 72.9992,
74.1738

■ 43.5202, 31.8238,
14.8914

■ 80.9264, 85.2910,
93.1647

■ 40.4793, 27.2309,
9.2880

■ 88.7352, 96.7446,
108.6045

■ 38.2030, 23.6901,
5.4100

■ 36.6197, 21.1163,
3.0543

■ 35.6303, 19.4052,
1.8993

■ 35.5948, 19.3439,
1.8577

Harmonies

Analogous

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



59.6072, 52.6353, 55.0681



57.8205, 52.6353, 43.6714



53.9520, 52.6353, 36.8607

Triad

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



57.8205, 52.6353, 43.6714



42.2565, 52.6353, 47.0384



50.8260, 52.6353, 87.2395

Complementary

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



57.8205, 52.6353, 43.6714



58.4180, 68.7206, 90.3064

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.



46.2995, 52.6353, 84.1968



57.8205, 52.6353, 43.6714



41.5348, 52.6353, 59.6137

Square

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



57.8205, 52.6353, 43.6714



45.0064, 52.6353, 38.5801



42.9696, 52.6353, 73.5302



55.4104, 52.6353, 81.2938

Rectangle

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



57.8205, 52.6353, 43.6714



50.8181, 52.6353, 35.1527



42.9696, 52.6353, 73.5302



49.2466, 52.6353, 87.2421

Sweetspot

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



57.8219, 52.6378, 43.6725



85.7097, 86.8832, 88.6339



62.5404, 51.1610, 78.8909



18.0431, 18.1706, 18.3197



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.



57.8219, 52.6378, 43.6725



64.3771, 56.5581, 43.4800



65.5692, 68.1323, 46.2549



15.2567, 15.4363, 15.6941



19.4941, 10.6824, 1.0345



1.5887, 0.9546, 0.1005

Inverse Universe

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



58.4180, 68.7206, 90.3064



65.1697, 78.1923, 106.2656



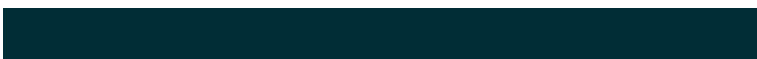
49.9630, 51.8106, 87.4881



15.3043, 16.6950, 19.3381



19.6694, 25.9859, 47.7221



1.5987, 2.1490, 3.7654

Previews

White Background



This preview shows how the XYZ color 57.8205, 52.6353, 43.6714 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 57.8205, 52.6353, 43.6714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

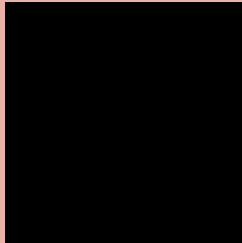
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8205, 52.6353, 43.6714

Background



This preview shows how black text looks on a background with the XYZ color 57.8205, 52.6353, 43.6714.



This preview shows how white text looks on a background with the XYZ color 57.8205, 52.6353,

43.6714.

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

57.8205, 52.6353, 43.6714

Protanopia

50.3090, 53.0346, 47.6295

Deuteranopia

53.7471, 52.6667, 43.4093



Tritanopia

60.0037, 52.6415, 54.5752

Trichromacy



Original Color

57.8205, 52.6353, 43.6714

Protanomaly

52.5616, 52.6271, 45.9158

Deuteranomaly

54.9749, 52.3778, 43.2888

Tritanomaly

59.0234, 52.5231, 50.2071

Monochromacy



Original Color

57.8205, 52.6353, 43.6714

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.2133, 53.1288, 52.7976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8205, 52.6353, 43.6714 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(237, 178, 167)` looks like.

```
.text, #text, p{  
    color:rgb(237, 178, 167)  
}
```

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(237, 178, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 178, 167) }
```

Border

The CSS property to change the border of an element to XYZ 57.8205, 52.6353, 43.6714 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(237, 178, 167) }
```


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

```
.border{ border-color:rgb(237, 178, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 178, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 178, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 178, 167); box-shadow:4px 4px 4px 4px rgb(237, 178, 167) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8205, 52.6353, 43.6714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 178, 167) }
```

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

```
.background{ background-color: rgb(237,  
178, 167) }
```

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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