

Converting Colors

XYZ(58.2254, 53.0951, 46.0758)

Have a look what the booklet for
XYZ(58.2254, 53.0951, 46.0758)
contains.

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Color

**XYZ(58.1586, 53.0516,
46.2044)**

Conversions

Conversions Part 1

Format	Color
Hex	ECB3AC
RGB	236, 179, 172
RGB Percent	93%, 70%, 67%
CMY	0.0745, 0.2980, 0.3255
CMYK	0.00, 0.24, 0.27, 0.07
HSL	7°, 63%, 80%
HSV	7°, 27%, 93%
XYZ	58.1586, 53.0516, 46.2044
YIQ	195.2450, 36.2190, 9.9070

Conversions

Conversions Part 2

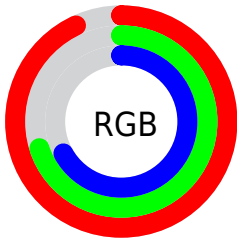
Format	Color
R _Y B	236, 180, 172
Decimal	15512492
CIE Lab	77.91, 19.72, 11.61
CIE LCh	78, 22.885, 30.495
Yxy	53.0516, 0.3695, 0.3370
Android (android.graphics.Color)	4293702572 (0xFFECB3AC)
YUV	195.2450, -11.4598, 35.7421
Hunter-Lab	72.8365, 15.0650, 13.3745

Details

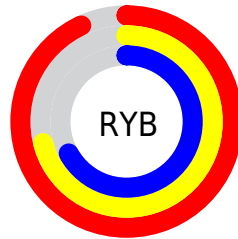
The XYZ color **58.1586, 53.0516, 46.2044** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.1722, 70.8634, 89.8639**, and the grayscale version is **52.0701, 54.7818, 59.6574**.

A 20% lighter version of the original color is **84.8135, 86.2227, 84.8455**, and **29.4414, 25.8615, 21.2093** is the 20% darker color. If you saturate the color by 10%, you get **52.1943, 44.4336, 34.0094**, and if you desaturate by 10%, it is **65.1703, 63.1195, 60.7354**.

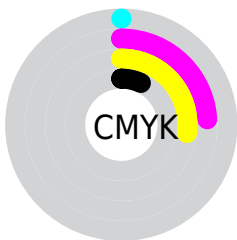
Distribution



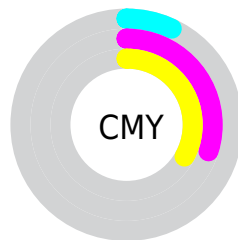
- Red (93%)
- Green (70%)
- Blue (67%)



- Red (93%)
- Yellow (71%)
- Blue (67%)



- Cyan (0%)
- Magenta (24%)
- Yellow (27%)
- Black (7%)





- Cyan (7%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1586, 53.0516, 46.2044 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 58.1586, 53.0516, 46.2044 by changing the saturation by 10% instead.


 58.1586, 53.0516,
46.2044

 58.1586, 53.0516,
46.2044


407.7210,
398.4831, 387.9312

 42.1799, 37.8440,
32.0573


 101.2754, 94.6803,
85.8623

 29.4339, 25.8616,
21.1401

129.1443,
121.8701, 112.2102

 19.5553, 16.7201,
13.0342


161.7072,
153.8228, 143.4622

 12.1786, 10.0352,
7.3211

199.3296,
190.9228, 180.0367

 6.9385, 5.4223,
3.5822

242.3769,
233.5544, 222.3523

 3.4696, 2.4971,
1.3991

291.2143,

 1.4067, 0.8752,

282.1021, 270.8276

0.1410

346.2072,
336.9501, 325.8810

■ 0.2610, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1586, 53.0516,
46.2044

■ 58.1586, 53.0516,
46.2044

■ 52.1943, 44.4336,
34.0094

■ 65.1703, 63.1195,
60.7354

■ 47.2228, 37.1918,
24.0253

■ 73.2720, 74.6921,
77.7121

■ 43.1912, 31.2568,
16.1204

■ 82.5091, 87.8303,
97.2412

■ 40.0397, 26.5504,
10.1474

■ 88.4022, 96.5730,
108.5889

■ 37.7016, 22.9862,
5.9398

■ 36.1004, 20.4661,
3.3030

■ 35.1430, 18.8747,
1.9862

■ 34.9579, 18.5642,
1.7408

Harmonies

Analogous

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



59.4691, 53.0516, 57.5529



58.1586, 53.0516, 46.2044



54.7546, 53.0516, 38.9611

Triad

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



58.1586, 53.0516, 46.2044



43.3406, 53.0516, 46.5208



50.4978, 53.0516, 85.8831

Complementary

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



58.1586, 53.0516, 46.2044



60.1722, 70.8634, 89.8639

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.



46.3279, 53.0516, 81.8122



58.1586, 53.0516, 46.2044



42.3459, 53.0516, 57.9759

Square

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



58.1586, 53.0516, 46.2044



46.2071, 53.0516, 39.1240



43.4074, 53.0516, 71.1071



54.8899, 53.0516, 81.5457

Rectangle

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



58.1586, 53.0516, 46.2044



51.8496, 53.0516, 36.8172



43.4074, 53.0516, 71.1071



49.0247, 53.0516, 85.4469

Sweetspot

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



58.1600, 53.0541, 46.2055



86.4134, 87.7066, 90.6692



63.5719, 53.0293, 81.4542



18.1694, 18.3069, 18.7203



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.



58.1600, 53.0541, 46.2055



64.9097, 56.8613, 46.0074



65.1845, 67.1029, 48.5470



15.1982, 15.3193, 15.6746



19.3147, 10.3236, 0.9747



1.5609, 0.8991, 0.0913

Inverse Universe

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



60.1722, 70.8634, 89.8639



67.7039, 81.6450, 106.7984



52.2569, 55.0330, 87.2255



15.3687, 16.8238, 19.3596



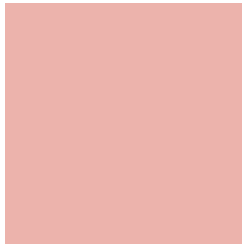
21.1316, 28.9101, 48.2094



1.6996, 2.3507, 3.7990

Previews

White Background



This preview shows how the XYZ color 58.1586, 53.0516, 46.2044 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 58.1586, 53.0516, 46.2044 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 58.1586, 53.0516, 46.2044

Background



This preview shows how black text looks on a background with the XYZ color 58.1586, 53.0516, 46.2044.



This preview shows how white text looks on a background with the XYZ color 58.1586, 53.0516,

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

58.1586, 53.0516, 46.2044

Protanopia

50.8057, 53.2333, 50.2451

Deuteranopia

54.4248, 53.2737, 45.9424



Tritanopia

60.0795, 52.9455, 55.7682

Trichromacy



Original Color

58.1586, 53.0516, 46.2044

Protanomaly

53.0474, 52.8214, 48.4739

Deuteranomaly

55.6482, 52.9760, 45.8205

Tritanomaly

59.1944, 52.8677, 51.8843

Monochromacy



Original Color

58.1586, 53.0516, 46.2044

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.7456, 53.6847, 54.5432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1586, 53.0516, 46.2044 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, 179, 172)` looks like.

```
.text, #text, p{  
    color:rgb(236, 179, 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(236, 179, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 179, 172) }
```

Border

The CSS property to change the border of an element to XYZ 58.1586, 53.0516, 46.2044 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, 179, 172) }
```


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

```
.border{ border-color:rgb(236, 179, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 179, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 179, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 179, 172);  
box-shadow:4px 4px 4px 4px rgb(236, 179,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1586, 53.0516, 46.2044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 179, 172) }
```

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

```
.background{ background-color: rgb(236,  
179, 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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