

Converting Colors

XYZ(56.4874, 53.0925, 46.3004)

Have a look what the booklet for
XYZ(56.4874, 53.0925, 46.3004)
contains.

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Color

**XYZ(56.4874, 53.0925,
46.3004)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B6AC
RGB	229, 182, 172
RGB Percent	90%, 71%, 67%
CMY	0.1020, 0.2863, 0.3255
CMYK	0.00, 0.21, 0.25, 0.10
HSL	11°, 52%, 79%
HSV	11°, 25%, 90%
XYZ	56.4874, 53.0925, 46.3004
YIQ	194.9130, 31.2220, 6.8540

Conversions

Conversions Part 2

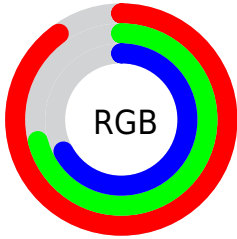
Format	Color
RYB	229, 184, 172
Decimal	15054508
CIELab	77.93, 15.51, 11.55
CIELCh	78, 19.339, 36.676
Yxy	53.0925, 0.3624, 0.3406
Android (android.graphics.Color)	4293244588 (0xFFE5B6AC)
YUV	194.9130, -11.2961, 29.8943
Hunter-Lab	72.8646, 10.8669, 13.3305

Details

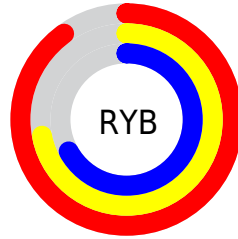
The XYZ color **56.4874, 53.0925, 46.3004** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.4868, 65.0887, 83.7151**, and the grayscale version is **51.8733, 54.5747, 59.4319**.

A 20% lighter version of the original color is **85.6797, 87.9551, 85.1343**, and **28.4740, 25.9408, 21.2756** is the 20% darker color. If you saturate the color by 10%, you get **50.8655, 45.0701, 34.4947**, and if you desaturate by 10%, it is **63.0125, 62.3141, 60.2780**.

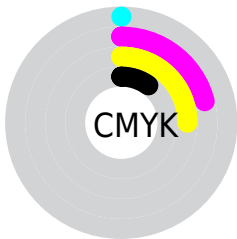
Distribution



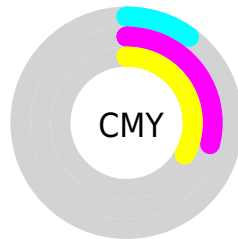
- Red (90%)
- Green (71%)
- Blue (67%)



- Red (90%)
- Yellow (72%)
- Blue (67%)



- Cyan (0%)
- Magenta (21%)
- Yellow (25%)
- Black (10%)





- Cyan (10%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4874, 53.0925, 46.3004 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 56.4874, 53.0925, 46.3004 by changing the saturation by 10% instead.


 56.4874, 53.0925,
46.3004

 56.4874, 53.0925,
46.3004


401.5710,
398.6399, 388.3277

 40.8324, 37.8766,
32.1326


 98.8525, 94.7405,
86.0074

 28.3752, 25.8869,
21.1971


126.2933,
121.9413, 112.3837

 18.7506, 16.7391,
13.0755


158.3935,
153.9060, 143.6665

 11.5931, 10.0486,
7.3492

195.5182,
191.0188, 180.2744

 6.5375, 5.4312,
3.5997

238.0330,
233.6643, 222.6259

 3.2183, 2.5024,
1.4084

286.3032,

 1.2702, 0.8779,

282.2266, 271.1396

0.1483

340.6941,
337.0904, 326.2340

■ 0.1608, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4874, 53.0925,
46.3004

■ 56.4874, 53.0925,
46.3004

■ 50.8655, 45.0701,
34.4947

■ 63.0125, 62.3141,
60.2780

■ 46.1024, 38.1903,
24.7485

■ 70.4742, 72.7738,
76.5259

■ 42.1563, 32.4030,
16.9439

■ 78.9092, 84.5179,
95.1401

■ 38.9800, 27.6512,
10.9501

■ 86.1231, 95.3980,
108.4822

■ 36.5215, 23.8729,
6.6198

■ 34.7217, 20.9992,
3.7825

■ 33.5115, 18.9516,
2.2301

■ 33.0785, 18.1888,
1.7673

Harmonies

Analogous

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



57.9911, 53.0925, 55.4343



56.4874, 53.0925, 46.3004



53.3803, 53.0925, 40.8007

Triad

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



56.4874, 53.0925, 46.3004



44.1096, 53.0925, 49.9908



51.3082, 53.0925, 80.9138

Complementary

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



56.4874, 53.0925, 46.3004



56.4868, 65.0887, 83.7151

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.



47.6536, 53.0925, 78.9874



56.4874, 53.0925, 46.3004



43.6161, 53.0925, 60.2499

Square

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



56.4874, 53.0925, 46.3004



46.2658, 53.0925, 42.7392



44.8826, 53.0925, 71.0815



54.9063, 53.0925, 76.0597

Rectangle

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



56.4874, 53.0925, 46.3004



50.8832, 53.0925, 39.5008



44.8826, 53.0925, 71.0815



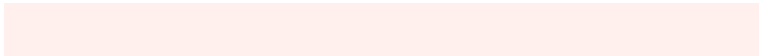
50.0447, 53.0925, 81.0460

Sweetspot

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



56.4888, 53.0949, 46.3015



87.7915, 89.8702, 92.9553



59.9181, 51.3045, 74.1084



18.6632, 19.0571, 19.6170



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.



56.4888, 53.0949, 46.3015



68.1599, 62.1619, 50.7892



62.8064, 65.7301, 48.4074



14.5805, 14.7749, 14.9878



18.9737, 10.5216, 1.0308



1.4624, 0.8981, 0.0963

Inverse Universe

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



56.4868, 65.0887, 83.7151



68.1501, 79.9944, 106.4563



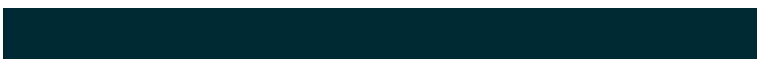
49.7875, 51.6900, 81.4819



14.5810, 15.8833, 18.4416



18.5463, 24.1547, 46.0680



1.4272, 1.8984, 3.4232

Previews

White Background



This preview shows how the XYZ color 56.4874, 53.0925, 46.3004 looks on a white background.

Color Contrast Check

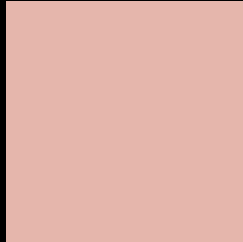
Large Text (above 18pt) WCAG AA × Fail

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 56.4874, 53.0925, 46.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

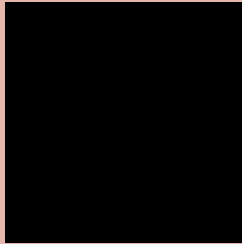
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4874, 53.0925, 46.3004

Background



This preview shows how black text looks on a background with the XYZ color 56.4874, 53.0925, 46.3004.



This preview shows how white text looks on a background with the XYZ color 56.4874, 53.0925,

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

56.4874, 53.0925, 46.3004

Protanopia

50.6049, 53.1530, 49.1874

Deuteranopia

54.1230, 53.1182, 45.9283



Tritanopia

58.7007, 53.0794, 57.6036

Trichromacy



Original Color

56.4874, 53.0925, 46.3004

Protanomaly

52.5851, 52.9105, 47.9987

Deuteranomaly

55.1311, 53.3262, 45.9153

Tritanomaly

57.7113, 52.9683, 53.0811

Monochromacy



Original Color

56.4874, 53.0925, 46.3004

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.1152, 53.6802, 54.5755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4874, 53.0925, 46.3004 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(229, 182, 172)` looks like.

```
.text, #text, p{  
    color:rgb(229, 182, 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(229, 182, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 182, 172) }
```

Border

The CSS property to change the border of an element to XYZ 56.4874, 53.0925, 46.3004 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(229, 182, 172) }
```


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

```
.border{ border-color:rgb(229, 182, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 182, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 182, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 182, 172); box-shadow:4px 4px 4px 4px rgb(229, 182, 172) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4874, 53.0925, 46.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 182, 172) }
```

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

```
.background{ background-color: rgb(229,  
182, 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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