

Converting Colors

XYZ(60.1856, 56.8139, 46.3943)

Have a look what the booklet for
XYZ(60.1856, 56.8139, 46.3943)
contains.

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Color

**XYZ(60.2590, 56.9112,
46.3371)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EDBCAB |
| RGB | 237, 188, 171 |
| RGB Percent | 93%, 74%, 67% |
| CMY | 0.0706, 0.2627, 0.3294 |
| CMYK | 0.00, 0.21, 0.28, 0.07 |
| HSL | 15°, 65%, 80% |
| HSV | 15°, 28%, 93% |
| XYZ | 60.2590, 56.9112, 46.3371 |
| YIQ | 200.7130, 34.6610, 5.1010 |

Conversions

Conversions Part 2

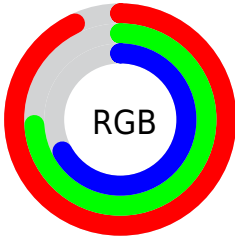
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 237, 194, 171 |
| Decimal | 15580331 |
| CIE _{Lab} | 80.13, 15.18, 15.30 |
| CIE _{LCh} | 80, 21.558, 45.229 |
| Yxy | 56.9112, 0.3685, 0.3481 |
| Android (android.graphics.Color) | 4293770411 (0xFFEDBCAB) |
| YUV | 200.7130, -14.6485, 31.8237 |
| Hunter-Lab | 75.4395, 10.5617, 16.3900 |

Details

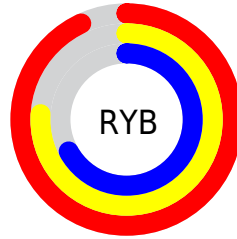
The XYZ color **60.2590, 56.9112, 46.3371** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.6733, 65.9570, 89.8124**, and the grayscale version is **55.4137, 58.2995, 63.4882**.

A 20% lighter version of the original color is **87.3182, 91.4524, 85.0014**, and **30.8161, 28.3632, 21.3032** is the 20% darker color. If you saturate the color by 10%, you get **54.6674, 49.0248, 34.3094**, and if you desaturate by 10%, it is **66.7169, 65.8813, 60.6531**.

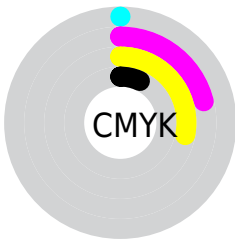
Distribution



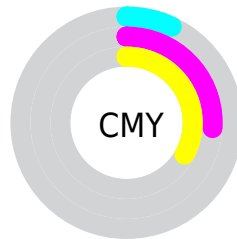
- Red (93%)
- Green (74%)
- Blue (67%)



- Red (93%)
- Yellow (76%)
- Blue (67%)



- Cyan (0%)
- Magenta (21%)
- Yellow (28%)
- Black (7%)





- Cyan (7%)
- Magenta (26%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2590, 56.9112, 46.3371 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 60.2590, 56.9112, 46.3371 by changing the saturation by 10% instead.

 60.2590, 56.9112,
46.3371

 60.2590, 56.9112,
46.3371


415.3712,
413.1165, 388.4791

 43.8777, 40.9340,
32.1613


 104.3095,
100.3356, 86.0629

 30.7719, 28.2675,
21.2189


132.7094,
128.5516, 112.4499

 20.5762, 18.5274,
13.0913

165.8462,
161.6159, 143.7445

 12.9252, 11.3293,
7.3600

204.0853,
199.9129, 180.3652

 7.4537, 6.2888,
3.6064

247.7919,
243.8271, 222.7304

 3.7963, 3.0215,
1.4120

297.3316,

 1.5875, 1.1429,

293.7428, 271.2588

0.1511

353.0696,
350.0445, 326.3689

■ 0.3843, 0.0144,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2590, 56.9112,
46.3371

■ 60.2590, 56.9112,
46.3371

■ 54.6674, 49.0248,
34.3094

■ 66.7169, 65.8813,
60.6531

■ 49.8996, 42.1727,
24.4471

■ 74.0722, 75.9665,
77.3646

■ 45.9160, 36.3133,
16.6207

■ 82.3599, 87.2064,
96.5762

■ 42.6717, 31.3991,
10.6858

■ 88.7352, 96.7446,
108.6045

■ 40.1171, 27.3784,
6.4785

■ 38.1953, 24.1939,
3.8063

■ 36.8348, 21.7790,
2.4088

■ 36.5973, 21.3487,
2.1918

Harmonies

Analogous

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



62.6545, 56.9112, 55.8297



60.2590, 56.9112, 46.3371



56.2736, 56.9112, 41.4033

Triad

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



60.2590, 56.9112, 46.3371



46.3324, 56.9112, 56.0040



56.3406, 56.9112, 88.3477

Complementary

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



60.2590, 56.9112, 46.3371



57.6733, 65.9570, 89.8124

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.



51.9683, 56.9112, 88.4111



60.2590, 56.9112, 46.3371



46.3481, 56.9112, 68.5376

Square

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



60.2590, 56.9112, 46.3371



48.3172, 56.9112, 46.4498



48.3615, 56.9112, 80.7663



60.3103, 56.9112, 80.6033

Rectangle

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



60.2590, 56.9112, 46.3371



53.3266, 56.9112, 40.8718



48.3615, 56.9112, 80.7663



54.8655, 56.9112, 89.2992

Sweetspot

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



60.2605, 56.9138, 46.3383



87.2953, 89.4704, 90.9632



62.4731, 52.3249, 74.8654



18.3897, 18.7477, 18.7938



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.



60.2605, 56.9138, 46.3383



67.5428, 62.1273, 46.8850



68.0009, 72.3946, 48.9184



15.3809, 15.6849, 15.7355



20.0702, 11.8347, 1.2265



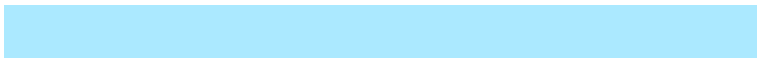
1.6516, 1.0805, 0.1215

Inverse Universe

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



57.6733, 65.9570, 89.8124



64.0413, 74.3199, 105.5776



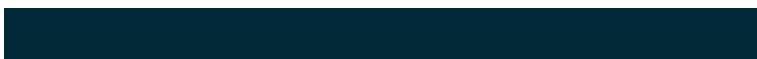
49.9579, 50.5263, 87.2406



15.1701, 16.4267, 19.2934



16.9266, 20.5003, 46.8078



1.4058, 1.7631, 3.7011

Previews

White Background



This preview shows how the XYZ color 60.2590, 56.9112, 46.3371 looks on a white background.

Color Contrast Check

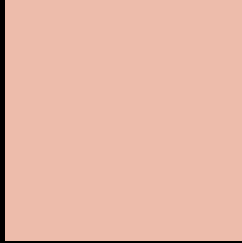
Large Text (above 18pt) WCAG AA × Fail

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 60.2590, 56.9112, 46.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

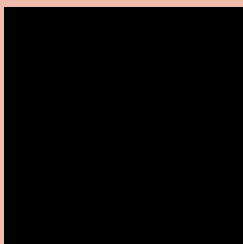
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2590, 56.9112, 46.3371

Background



This preview shows how black text looks on a background with the XYZ color 60.2590, 56.9112, 46.3371.



This preview shows how white text looks on a background with the XYZ color 60.2590, 56.9112,

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

60.2590, 56.9112, 46.3371

Protanopia

54.0430, 56.9327, 49.2150

Deuteranopia

58.1002, 57.0955, 45.9885



Tritanopia

63.2687, 56.8835, 61.0711

Trichromacy



Original Color

60.2590, 56.9112, 46.3371

Protanomaly

56.1452, 56.6996, 48.0294

Deuteranomaly

58.8415, 57.1528, 45.9605

Tritanomaly

62.0227, 56.6795, 55.2482

Monochromacy



Original Color

60.2590, 56.9112, 46.3371

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.7657, 57.4937, 56.8207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2590, 56.9112, 46.3371 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, 188, 171)` looks like.

```
.text, #text, p{  
    color:rgb(237, 188, 171)  
}
```

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, 188, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 188, 171) }
```

Border

The CSS property to change the border of an element to XYZ 60.2590, 56.9112, 46.3371 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, 188, 171) }
```


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

```
.border{ border-color:rgb(237, 188, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 188, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 188, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 188, 171);  
box-shadow:4px 4px 4px 4px rgb(237, 188,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2590, 56.9112, 46.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 188, 171) }
```

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

```
.background{ background-color: rgb(237,  
188, 171) }
```

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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