

Converting Colors

XYZ(60.4306, 63.6017, 30.6979)

Have a look what the booklet for
XYZ(60.4306, 63.6017, 30.6979)
contains.

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Color

**XYZ(60.4290, 63.4435,
30.5336)**

Conversions

Conversions Part 1

Format	Color
Hex	EBCE83
RGB	235, 206, 131
RGB Percent	92%, 81%, 51%
CMY	0.0784, 0.1921, 0.4863
CMYK	0.00, 0.12, 0.44, 0.08
HSL	43°, 72%, 72%
HSV	43°, 44%, 92%
XYZ	60.4290, 63.4435, 30.5336
YIQ	206.1210, 41.3590, -17.1770

Conversions

Conversions Part 2

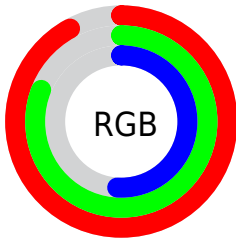
Format	Color
RYB	171, 235, 131
Decimal	15453827
CIELab	83.68, 0.30, 40.94
CIELCh	84, 40.946, 89.575
Yxy	63.4435, 0.3914, 0.4109
Android (android.graphics.Color)	4293643907 (0xFFEBCE83)
YUV	206.1210, -37.0347, 25.3269
Hunter-Lab	79.6514, -3.9677, 33.0278

Details

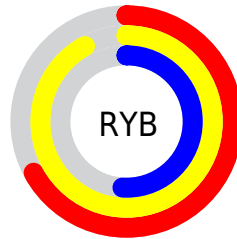
The XYZ color **60.4290, 63.4435, 30.5336** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.9259, 35.9638, 83.5926**, and the grayscale version is **58.9563, 62.0266, 67.5470**.

A 20% lighter version of the original color is **85.7570, 96.2828, 59.9635**, and **30.8077, 32.3828, 12.2162** is the 20% darker color. If you saturate the color by 10%, you get **57.4694, 59.7906, 22.5607**, and if you desaturate by 10%, it is **63.8187, 67.3783, 40.4333**.

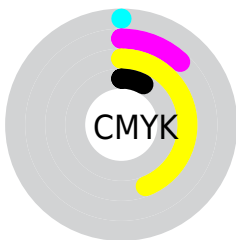
Distribution



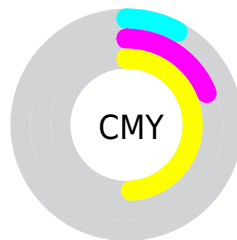
- Red (92%)
- Green (81%)
- Blue (51%)



- Red (67%)
- Yellow (92%)
- Blue (51%)



- Cyan (0%)
- Magenta (12%)
- Yellow (44%)
- Black (8%)



- Cyan (8%)
- Magenta (19%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4290, 63.4435, 30.5336 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 60.4290, 63.4435, 30.5336 by changing the saturation by 10% instead.

60.4290, 63.4435,
30.5336

60.4290, 63.4435,
30.5336

415.9867,
437.1773, 318.6682

44.0153, 46.2001,
19.9885

104.5545,
109.8091, 61.5760

30.8805, 32.4037,
12.2027

132.9971,
139.7001, 82.9103

20.6592, 21.6701,
6.7576

166.1800,
174.5757, 108.6781

12.9862, 13.6147,
3.2349

204.4685,
214.8203, 139.2979

7.4960, 7.8532,
1.2158

248.2281,
260.8184, 175.1883

3.8232, 4.0011,
0.0000

297.8241,

1.6026, 1.6742,

312.9544, 216.7678

0.0000

353.6219,
371.6125, 264.4549

■ 0.3941, 0.4069,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.4290, 63.4435,
30.5336

■ 60.4290, 63.4435,
30.5336

■ 57.4694, 59.7906,
22.5607

■ 63.8187, 67.3783,
40.4333

■ 54.9097, 56.3993,
16.3801


■ 67.6570, 71.5967,
52.3743

■ 52.7229, 53.2598,
11.8463


■ 71.9669, 76.1113,
66.4665


■ 50.8757, 50.3575,
8.7890


■ 76.7683, 80.9314,
82.8109


 49.3280, 47.6749,
7.0003

 82.0797, 86.0656,
101.5022

 48.5390, 46.2184,
6.3628

 85.0589, 90.3781,
107.5694

 87.0796, 94.4196,
108.2430

 88.0709, 96.4021,
108.5734

Harmonies

Analogous

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



69.4601, 63.4435, 34.6505



60.4290, 63.4435, 30.5336



52.1856, 63.4435, 34.4200

Triad

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



60.4290, 63.4435, 30.5336



46.5152, 63.4435, 96.4282



76.4231, 63.4435, 97.2219

Complementary

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



60.4290, 63.4435, 30.5336



36.9259, 35.9638, 83.5926

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.



69.2172, 63.4435, 121.5354



60.4290, 63.4435, 30.5336



51.9849, 63.4435, 121.0029

Square

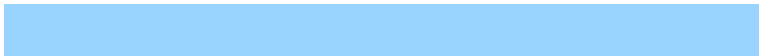
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.4290, 63.4435, 30.5336



44.6516, 63.4435, 68.7139



60.1735, 63.4435, 131.1524



79.2367, 63.4435, 69.4457

Rectangle

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



60.4290, 63.4435, 30.5336



48.1056, 63.4435, 41.7532



60.1735, 63.4435, 131.1524



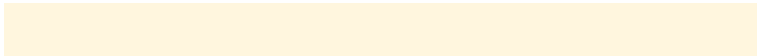
74.4012, 63.4435, 106.2987

Sweetspot

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



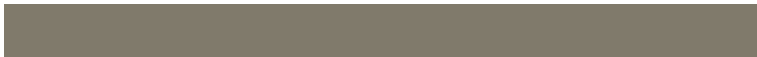
60.4306, 63.4465, 30.5349



87.2869, 92.2903, 82.2152



48.7637, 36.4498, 37.9383



18.4227, 19.4873, 16.7280



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.



60.4306, 63.4465, 30.5349



69.5168, 72.4040, 28.0330



61.0914, 75.1218, 32.7536



15.9764, 16.8758, 15.9340



27.1271, 25.9484, 3.5788



2.2104, 2.1981, 0.3078

Inverse Universe

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



36.9259, 35.9638, 83.5926



37.9216, 35.4956, 99.4604



36.3501, 29.0558, 82.2896



14.5730, 15.2325, 19.0943



9.5066, 5.6603, 44.3345



0.8252, 0.6018, 3.5075

Previews

White Background



This preview shows how the XYZ color 60.4290, 63.4435, 30.5336 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 60.4290, 63.4435, 30.5336 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 60.4290, 63.4435, 30.5336

Background



This preview shows how black text looks on a background with the XYZ color 60.4290, 63.4435, 30.5336.



This preview shows how white text looks on a background with the XYZ color 60.4290, 63.4435,

30.5336.

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

60.4290, 63.4435, 30.5336

Protanopia

58.6439, 63.5978, 31.0145

Deuteranopia

64.7332, 63.2082, 30.6184



Tritanopia

68.4599, 63.2377, 70.2259

Trichromacy



Original Color

60.4290, 63.4435, 30.5336

Protanomaly

59.3539, 63.6007, 30.9777

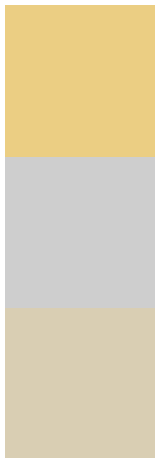
Deuteranomaly

63.2914, 63.4998, 30.7507

Tritanomaly

65.0330, 63.2112, 53.0293

Monochromacy



Original Color

60.4290, 63.4435, 30.5336

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.8233, 62.1490, 51.5435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4290, 63.4435, 30.5336 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(235, 206, 131)` looks like.

```
.text, #text, p{  
    color:rgb(235, 206, 131)  
}
```

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(235, 206, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 206, 131) }
```

Border

The CSS property to change the border of an element to XYZ 60.4290, 63.4435, 30.5336 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(235, 206, 131) }
```


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

```
.border{ border-color:rgb(235, 206, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 206, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 206, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 206, 131);  
box-shadow:4px 4px 4px 4px rgb(235, 206,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4290, 63.4435, 30.5336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 206, 131) }
```

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

```
.background{ background-color: rgb(235,  
206, 131) }
```

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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