

Converting Colors

XYZ(55.6704, 53.2811, 38.5213)

Have a look what the booklet for
XYZ(55.6704, 53.2811, 38.5213)
contains.

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Color

**XYZ(55.4830, 53.0565,
38.3270)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B79B
RGB	230, 183, 155
RGB Percent	90%, 72%, 61%
CMY	0.0980, 0.2823, 0.3922
CMYK	0.00, 0.20, 0.33, 0.10
HSL	22°, 60%, 75%
HSV	22°, 33%, 90%
XYZ	55.4830, 53.0565, 38.3270
YIQ	193.8610, 37.0000, 1.2560

Conversions

Conversions Part 2

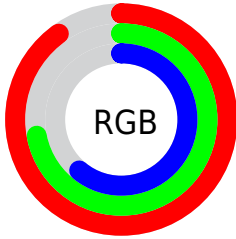
Format	Color
R_{YB}	230, 200, 155
Decimal	15120283
CIE _{Lab}	77.91, 13.10, 20.70
CIE _{LCh}	78, 24.492, 57.678
Yxy	53.0565, 0.3778, 0.3613
Android (android.graphics.Color)	4293310363 (0xFFE6B79B)
YUV	193.8610, -19.1585, 31.6939
Hunter-Lab	72.8399, 8.4957, 19.7906

Details

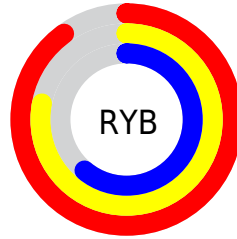
The XYZ color **55.4830, 53.0565, 38.3270** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.9204, 54.9210, 82.8855**, and the grayscale version is **51.2915, 53.9626, 58.7653**.

A 20% lighter version of the original color is **83.7394, 87.6461, 73.4766**, and **27.7149, 25.8490, 16.6253** is the 20% darker color. If you saturate the color by 10%, you get **50.9107, 46.7141, 28.1638**, and if you desaturate by 10%, it is **60.7304, 60.1599, 50.5315**.

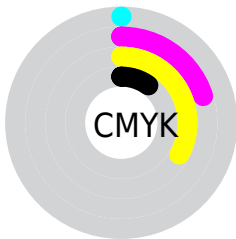
Distribution



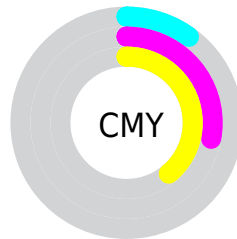
- Red (90%)
- Green (72%)
- Blue (61%)



- Red (90%)
- Yellow (78%)
- Blue (61%)



- Cyan (0%)
- Magenta (20%)
- Yellow (33%)
- Black (10%)





- Cyan (10%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4830, 53.0565, 38.3270 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 55.4830, 53.0565, 38.3270 by changing the saturation by 10% instead.


 55.4830, 53.0565,
38.3270

 55.4830, 53.0565,
38.3270


397.8469,
398.5019, 354.3608

 40.0239, 37.8479,
25.9328


 97.3925, 94.6875,
73.8180

 27.7415, 25.8646,
16.5480


 124.5736,
121.8787, 97.7519

 18.2703, 16.7224,
9.7543


156.3927,
153.8328, 126.3695

 11.2451, 10.0368,
5.1329

193.2153,
190.9343, 160.0892

 6.3005, 5.4233,
2.2653

235.4067,
233.5676, 199.3297

 3.0710, 2.4977,
0.7117

283.3322,

 1.1914, 0.8755,

282.1170, 244.5094

0.0000

337.3571,
336.9669, 296.0469

■ 0.0996, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4830, 53.0565,
38.3270

■ 55.4830, 53.0565,
38.3270

■ 50.9107, 46.7141,
28.1638

■ 60.7304, 60.1599,
50.5315

■ 46.9792, 41.0985,
19.9251

■ 66.6769, 68.0419,
64.8785

■ 43.6575, 36.1840,
13.4876

■ 73.3500, 76.7290,
81.4663

■ 40.9095, 31.9400,
8.7117

■ 80.7747, 86.2440,
100.3865

■ 38.6948, 28.3334,
5.4371

■ 86.4432, 95.5630,
108.4972

■ 36.9662, 25.3271,
3.4707

■ 35.9515, 23.4597,
2.6333

Harmonies

Analogous

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



58.9771, 53.0565, 46.4279



55.4830, 53.0565, 38.3270



50.8004, 53.0565, 35.3349

Triad

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



55.4830, 53.0565, 38.3270



41.8242, 53.0565, 56.7138



54.8011, 53.0565, 84.2343

Complementary

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



55.4830, 53.0565, 38.3270



48.9204, 54.9210, 82.8855

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.



50.0586, 53.0565, 88.1222



55.4830, 53.0565, 38.3270



42.7489, 53.0565, 70.8223

Square

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



55.4830, 53.0565, 38.3270



43.0820, 53.0565, 44.8556



45.6909, 53.0565, 82.8758



58.5663, 53.0565, 72.9508

Rectangle

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



55.4830, 53.0565, 38.3270



47.6997, 53.0565, 36.2187



45.6909, 53.0565, 82.8758



53.2597, 53.0565, 86.5201

Sweetspot

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



55.4844, 53.0590, 38.3281



86.3256, 88.6908, 87.0645



55.0748, 44.5542, 61.8855



18.2310, 18.6612, 18.0288



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.



55.4844, 53.0590, 38.3281



66.2030, 61.6456, 39.6626



64.1430, 70.3762, 41.2143



14.8157, 15.2452, 15.0662



20.4615, 13.4972, 1.5268



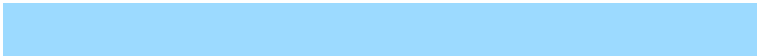
1.5988, 1.1710, 0.1418

Inverse Universe

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



48.9204, 54.9210, 82.8855



56.7100, 64.3163, 104.0331



41.2562, 39.5926, 80.3307



14.3315, 15.3844, 18.3585



13.8637, 14.7895, 44.5071



1.1129, 1.2697, 3.3184

Previews

White Background



This preview shows how the XYZ color 55.4830, 53.0565, 38.3270 looks on a white background.

Color Contrast Check

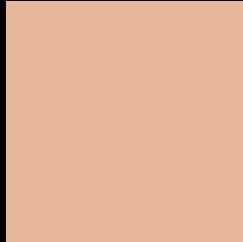
Large Text (above 18pt) WCAG AA × Fail

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 55.4830, 53.0565, 38.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

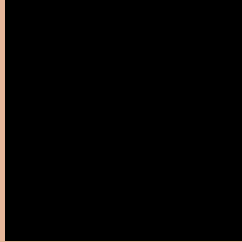
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4830, 53.0565, 38.3270

Background



This preview shows how black text looks on a background with the XYZ color 55.4830, 53.0565, 38.3270.



This preview shows how white text looks on a background with the XYZ color 55.4830, 53.0565,

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

55.4830, 53.0565, 38.3270

Protanopia

50.0966, 53.0747, 40.8618

Deuteranopia

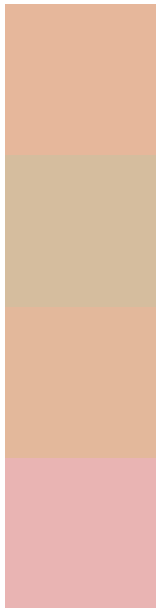
54.3167, 53.0720, 38.3915



Tritanopia

59.3665, 53.1390, 56.9971

Trichromacy



Original Color

55.4830, 53.0565, 38.3270

Protanomaly

51.8097, 53.0099, 39.8490

Deuteranomaly

54.7354, 52.9784, 38.3513

Tritanomaly

58.0622, 53.2208, 49.8603

Monochromacy



Original Color

55.4830, 53.0565, 38.3270

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.3838, 53.3876, 50.7239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4830, 53.0565, 38.3270 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(230, 183, 155)` looks like.

```
.text, #text, p{  
    color:rgb(230, 183, 155)  
}
```

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(230, 183, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 183, 155) }
```

Border

The CSS property to change the border of an element to XYZ 55.4830, 53.0565, 38.3270 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(230, 183, 155) }
```


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

```
.border{ border-color:rgb(230, 183, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 183, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 183, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 183, 155);  
box-shadow:4px 4px 4px 4px rgb(230, 183,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4830, 53.0565, 38.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 183, 155) }
```

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

```
.background{ background-color: rgb(230,  
183, 155) }
```

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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