

Converting Colors

XYZ(55.3229, 53.3102, 26.9783)

Have a look what the booklet for
XYZ(55.3229, 53.3102, 26.9783)
contains.

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Color

**XYZ(55.2915, 53.2062,
27.0943)**

Conversions

Conversions Part 1

Format	Color
Hex	ECB77E
RGB	236, 183, 126
RGB Percent	93%, 72%, 49%
CMY	0.0745, 0.2823, 0.5059
CMYK	0.00, 0.22, 0.47, 0.07
HSL	31°, 74%, 71%
HSV	31°, 47%, 93%
XYZ	55.2915, 53.2062, 27.0943
YIQ	192.3490, 49.8850, -6.4910

Conversions

Conversions Part 2

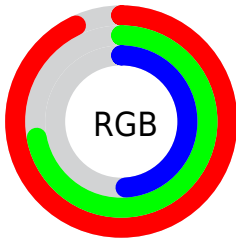
Format	Color
R _Y B	228, 236, 126
Decimal	15513470
CIE Lab	78.00, 12.23, 36.27
CIE LCh	78, 38.274, 71.359
Yxy	53.2062, 0.4078, 0.3924
Android (android.graphics.Color)	4293703550 (0xFFECB77E)
YUV	192.3490, -32.7101, 38.2819
Hunter-Lab	72.9426, 7.6560, 29.0367

Details

The XYZ color **55.2915, 53.2062, 27.0943** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.8640, 42.7304, 85.5036**, and the grayscale version is **50.4730, 53.1015, 57.8276**.

A 20% lighter version of the original color is **80.2432, 86.2477, 55.0660**, and **27.6472, 25.9520, 10.3896** is the 20% darker color. If you saturate the color by 10%, you get **51.6937, 48.1670, 19.2477**, and if you desaturate by 10%, it is **59.4406, 58.7732, 36.8978**.

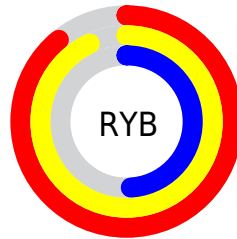
Distribution



Red (93%)

Green (72%)

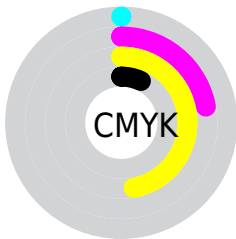
Blue (49%)



Red (89%)

Yellow (93%)

Blue (49%)

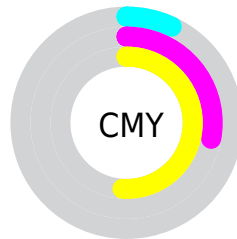


Cyan (0%)

Magenta (22%)

Yellow (47%)

Black (7%)



Cyan (7%)


Magenta (28%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2915, 53.2062, 27.0943 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 55.2915, 53.2062, 27.0943 by changing the saturation by 10% instead.


 55.2915, 53.2062,
27.0943


 55.2915, 53.2062,
27.0943


397.1344,
399.0757, 301.8880


 39.8699, 37.9674,
17.4110


 97.1138, 94.9077,
56.0407

 27.6209, 25.9574,
10.3629


 124.2451,
122.1392, 76.1409

 18.1791, 16.7918,
5.5315


 156.0105,
154.1371, 100.5505

 11.1791, 10.0861,
2.4982

192.7752,
191.2857, 129.6880

 6.2556, 5.4561,
0.8392

234.9046,
233.9695, 163.9720

 3.0433, 2.5173,
0.0000

282.7640,

 1.1767, 0.8853,

282.5729, 203.8209

0.0000

336.7188,
337.4801, 249.6534

■ 0.0878, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2915, 53.2062,
27.0943

■ 55.2915, 53.2062,
27.0943

■ 51.6937, 48.1670,
19.2477

■ 59.4406, 58.7732,
36.8978

■ 48.6132, 43.6286,
13.2183


■ 64.1645, 64.8781,
48.7785


■ 46.0176, 39.5729,
8.8528


■ 69.4900, 71.5402,
62.8505


■ 43.8681, 35.9765,
5.9704


■ 75.4407, 78.7756,
79.2186

 42.1169, 32.8123,
4.3434

 82.0389, 86.5995,
97.9808

 41.5887, 31.8262,
3.9511

 87.2095, 94.1877,
108.1914

 88.4020, 96.5729,
108.5889

Harmonies

Analogous

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



62.1089, 53.2062, 34.8228



55.2915, 53.2062, 27.0943



47.8002, 53.2062, 26.2896

Triad

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



55.2915, 53.2062, 27.0943



37.7810, 53.2062, 66.3989



60.6446, 53.2062, 94.5241

Complementary

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



55.2915, 53.2062, 27.0943



39.8640, 42.7304, 85.5036

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.



53.4466, 53.2062, 108.2106



55.2915, 53.2062, 27.0943



40.5584, 53.2062, 89.5073

Square

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



55.2915, 53.2062, 27.0943



38.1701, 53.2062, 45.7786



46.1269, 53.2062, 106.1773



65.4028, 53.2062, 72.0671

Rectangle

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



55.2915, 53.2062, 27.0943



43.4732, 53.2062, 29.4762



46.1269, 53.2062, 106.1773



58.4020, 53.2062, 100.5255

Sweetspot

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



55.2928, 53.2088, 27.0954



84.5823, 87.4234, 79.6415



50.2068, 36.0165, 47.0424



17.7875, 18.3235, 16.1873



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.



55.2928, 53.2088, 27.0954



61.7775, 57.6378, 23.2569



67.7479, 79.0179, 31.4206



15.7112, 16.3454, 15.8456



23.0550, 17.8042, 2.2214



1.9067, 1.5906, 0.2065

Inverse Universe

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



39.8640, 42.7304, 85.5036



41.2808, 43.7243, 100.8717



31.4787, 25.5547, 82.6303



14.8300, 15.7465, 19.1800



11.7720, 10.1911, 45.0896



1.0203, 0.9920, 3.5726

Previews

White Background



This preview shows how the XYZ color 55.2915, 53.2062, 27.0943 looks on a white background.

Color Contrast Check

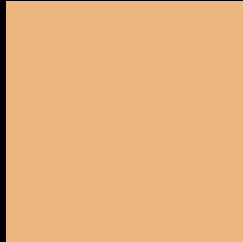
Large Text (above 18pt) WCAG AA × Fail

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 55.2915, 53.2062, 27.0943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

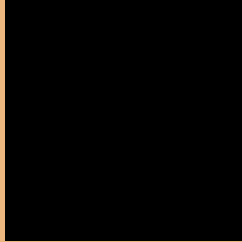
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2915, 53.2062, 27.0943

Background



This preview shows how black text looks on a background with the XYZ color 55.2915, 53.2062, 27.0943.



This preview shows how white text looks on a background with the XYZ color 55.2915, 53.2062,

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

55.2915, 53.2062, 27.0943

Protanopia

49.3937, 53.3069, 28.8050

Deuteranopia

54.3936, 53.3601, 27.1713



Tritanopia

61.0250, 53.1680, 54.6230

Trichromacy



Original Color

55.2915, 53.2062, 27.0943

Protanomaly

51.3735, 53.0402, 28.2990

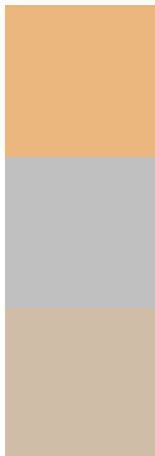
Deuteranomaly

54.5107, 53.1110, 27.1171

Tritanomaly

58.6471, 53.0827, 42.7523

Monochromacy



Original Color

55.2915, 53.2062, 27.0943

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.2779, 52.6322, 44.5022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2915, 53.2062, 27.0943 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, 183, 126)` looks like.

```
.text, #text, p{  
    color:rgb(236, 183, 126)  
}
```

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, 183, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 183, 126) }
```

Border

The CSS property to change the border of an element to XYZ 55.2915, 53.2062, 27.0943 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, 183, 126) }
```


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

```
.border{ border-color:rgb(236, 183, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 183, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 183, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 183, 126);  
box-shadow:4px 4px 4px 4px rgb(236, 183,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2915, 53.2062, 27.0943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 183, 126) }
```

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

```
.background{ background-color: rgb(236,  
183, 126) }
```

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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