

Converting Colors

XYZ(54.9379, 55.4834, 27.9361)

Have a look what the booklet for
XYZ(54.9379, 55.4834, 27.9361)
contains.

XYZ(55.0947, 55.6169, 27.9100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.0947, 55.6169,
27.9100)**

Conversions

Conversions Part 1

Format	Color
Hex	E6BF7F
RGB	230, 191, 127
RGB Percent	90%, 75%, 50%
CMY	0.0980, 0.2510, 0.5020
CMYK	0.00, 0.17, 0.45, 0.10
HSL	37°, 67%, 70%
HSV	37°, 45%, 90%
XYZ	55.0947, 55.6169, 27.9100
YIQ	195.3650, 43.7880, -11.6360

Conversions

Conversions Part 2

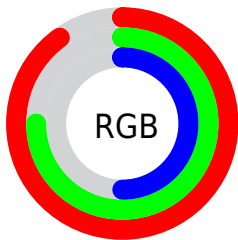
Format	Color
RYB	190, 230, 127
Decimal	15122303
CIELab	79.40, 5.71, 37.43
CIELCh	79, 37.861, 81.328
Yxy	55.6169, 0.3974, 0.4012
Android (android.graphics.Color)	4293312383 (0xFFE6BF7F)
YUV	195.3650, -33.7039, 30.3749
Hunter-Lab	74.5767, 1.3603, 30.0147

Details

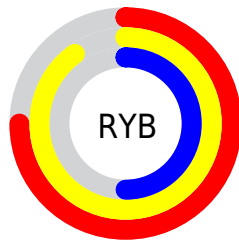
The XYZ color **55.0947, 55.6169, 27.9100** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.6711, 37.4963, 80.1675**, and the grayscale version is **52.2673, 54.9892, 59.8833**.

A 20% lighter version of the original color is **82.8413, 91.1177, 56.9373**, and **27.4413, 27.4834, 10.8797** is the 20% darker color. If you saturate the color by 10%, you get **51.9210, 51.4007, 20.2820**, and if you desaturate by 10%, it is **58.7262, 60.2010, 37.3797**.

Distribution



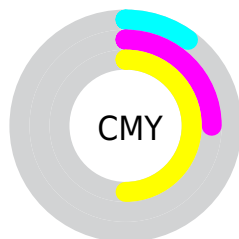
- Red (90%)
- Green (75%)
- Blue (50%)



- Red (75%)
- Yellow (90%)
- Blue (50%)



- Cyan (0%)
- Magenta (17%)
- Yellow (45%)
- Black (10%)




- Cyan (10%)
- Magenta (25%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0947, 55.6169, 27.9100 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 55.0947, 55.6169, 27.9100 by changing the saturation by 10% instead.


 55.0947, 55.6169,
27.9100


 55.0947, 55.6169,
27.9100


396.4014,
408.2461, 305.9350


 39.7117, 39.8959,
18.0194


 96.8272, 98.4442,
57.3621

 27.4970, 27.4573,
10.7943

 123.9074,
126.3193, 77.7606

 18.0854, 17.9170,
5.8163


 155.6174,
159.0145, 102.4989

 11.1114, 10.8904,
2.6667

192.3225,
196.9142, 131.9954

 6.2096, 5.9932,
0.9266

234.3881,
240.4028, 166.6688

 3.0148, 2.8409,
0.0000

282.1795,

 1.1616, 1.0493,

289.8648, 206.9375

0.0000

336.0622,
345.6844, 253.2200

■ 0.0757, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0947, 55.6169,
27.9100

■ 55.0947, 55.6169,
27.9100

■ 51.9210, 51.4007,
20.2820

■ 58.7262, 60.2010,
37.3797

■ 49.1755, 47.5313,
14.3676


■ 62.8348, 65.1575,
48.8011


■ 46.8309, 43.9967,
10.0272


■ 67.4431, 70.5006,
62.2791


■ 44.8545, 40.7803,
7.0976


■ 72.5713, 76.2412,
77.9103


 43.2061, 37.8629,
5.3789

 78.2382, 82.3896,
95.7851

 42.4442, 36.4452,
4.7976

 82.8089, 88.2946,
107.2858

 85.4805, 93.6379,
108.1764

 86.4431, 95.5630,
108.4972

Harmonies

Analogous

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



62.5217, 55.6169, 33.4238



55.0947, 55.6169, 27.9100



47.7273, 55.6169, 29.3579

Triad

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



55.0947, 55.6169, 27.9100



40.3933, 55.6169, 77.0760



65.1018, 55.6169, 90.6280

Complementary

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



55.0947, 55.6169, 27.9100



36.6711, 37.4963, 80.1675

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.



58.3528, 55.6169, 108.4632



55.0947, 55.6169, 27.9100



44.2527, 55.6169, 99.4265

Square

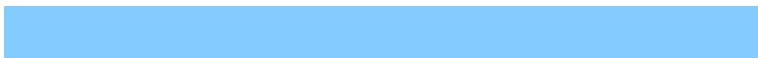
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.0947, 55.6169, 27.9100



39.7011, 55.6169, 54.4679



50.6908, 55.6169, 112.0201



68.6513, 55.6169, 67.0845

Rectangle

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



55.0947, 55.6169, 27.9100



43.7939, 55.6169, 34.2689



50.6908, 55.6169, 112.0201



63.1031, 55.6169, 97.7030

Sweetspot

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



55.0961, 55.6195, 27.9111



86.2909, 90.2982, 81.8832



47.1502, 34.7732, 40.5367



18.1758, 18.9935, 16.6457



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.



55.0961, 55.6195, 27.9111



65.7934, 65.2011, 26.0396



61.0361, 73.0288, 30.9584



15.1192, 15.8523, 15.1674



24.1510, 20.8761, 2.7566



1.8735, 1.7203, 0.2333

Inverse Universe

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



36.6711, 37.4963, 80.1675



39.6949, 39.5596, 100.1514



32.5231, 26.3830, 78.2411



14.0278, 14.7769, 18.2572



10.1279, 7.3179, 43.2619



0.8357, 0.7153, 3.2260

Previews

White Background



This preview shows how the XYZ color 55.0947, 55.6169, 27.9100 looks on a white background.

Color Contrast Check

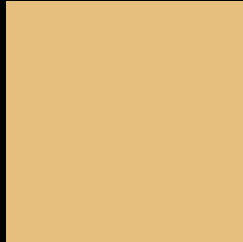
Large Text (above 18pt) WCAG AA × Fail

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 55.0947, 55.6169, 27.9100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

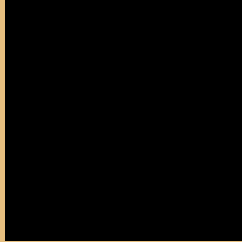
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0947, 55.6169, 27.9100

Background



This preview shows how black text looks on a background with the XYZ color 55.0947, 55.6169, 27.9100.



This preview shows how white text looks on a background with the XYZ color 55.0947, 55.6169,

27.9100.

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

55.0947, 55.6169, 27.9100

Protanopia

51.6603, 55.8136, 28.8192

Deuteranopia

56.8046, 55.5295, 28.1464



Tritanopia

61.6168, 55.4459, 59.6791

Trichromacy



Original Color

55.0947, 55.6169, 27.9100

Protanomaly

52.9266, 55.8044, 28.4039

Deuteranomaly

56.0256, 55.4461, 28.1714

Tritanomaly

58.6313, 55.1306, 46.0791

Monochromacy



Original Color

55.0947, 55.6169, 27.9100

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.5599, 54.8957, 45.8559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0947, 55.6169, 27.9100 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, 191, 127)` looks like.

```
.text, #text, p{  
    color:rgb(230, 191, 127)  
}
```

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, 191, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 191, 127) }
```

Border

The CSS property to change the border of an element to XYZ 55.0947, 55.6169, 27.9100 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, 191, 127) }
```


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

```
.border{ border-color:rgb(230, 191, 127) }
```

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

Here you see how a box with a 4 pixel rgb(230, 191, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 191, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 191, 127);  
box-shadow:4px 4px 4px 4px rgb(230, 191,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0947, 55.6169, 27.9100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 191, 127) }
```

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

```
.background{ background-color: rgb(230,  
191, 127) }
```

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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