

Converting Colors

XYZ(27.3244, 37.5017, 15.6959)

Have a look what the booklet for
XYZ(27.3244, 37.5017, 15.6959)
contains.

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Color

**XYZ(27.3244, 37.5017,
15.6959)**

Conversions

Conversions Part 1

Format	Color
Hex	84B25B
RGB	132, 178, 91
RGB Percent	52%, 70%, 36%
CMY	0.4824, 0.3019, 0.6431
CMYK	0.26, 0.00, 0.49, 0.30
HSL	92°, 36%, 53%
HSV	92°, 49%, 70%
XYZ	27.3244, 37.5017, 15.6959
YIQ	154.3280, 0.5110, -36.8090

Conversions

Conversions Part 2

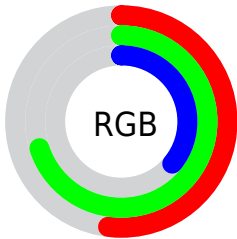
Format	Color
RYB	91, 178, 137
Decimal	8696411
CIELab	67.65, -30.57, 39.36
CIElCh	68, 49.839, 127.838
Yxy	37.5017, 0.3393, 0.4657
Android (android.graphics.Color)	4286886491 (0xFF84B25B)
YUV	154.3280, -31.2207, -19.5817
Hunter-Lab	61.2386, -27.5217, 27.6706

Details

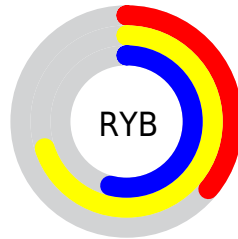
The XYZ color **27.3244, 37.5017, 15.6959** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **22.0952, 16.0160, 44.0485**, and the grayscale version is **30.9930, 32.6071, 35.5091**.

A 20% lighter version of the original color is **54.8743, 71.3936, 36.8748**, and **11.0421, 16.5328, 4.7070** is the 20% darker color. If you saturate the color by 10%, you get **25.2400, 36.5068, 12.0547**, and if you desaturate by 10%, it is **29.7256, 38.6413, 20.3042**.

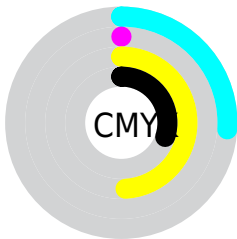
Distribution



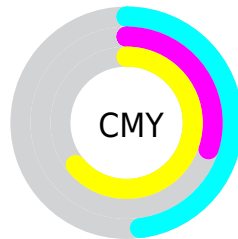
- Red (52%)
- Green (70%)
- Blue (36%)



- Red (36%)
- Yellow (70%)
- Blue (54%)



- Cyan (26%)
- Magenta (0%)
- Yellow (49%)
- Black (30%)





- Cyan (48%)
- Magenta (30%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3244, 37.5017, 15.6959 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 27.3244, 37.5017, 15.6959 by changing the saturation by 10% instead.


 27.3244, 37.5017,
15.6959


 27.3244, 37.5017,
15.6959


281.3634,
335.4775, 239.3247


 17.9549, 25.5962,
9.1572


 54.8202, 71.3437,
36.8289

 11.0171, 16.5218,
4.7457


 73.6772, 94.0490,
52.2602

 6.1457, 9.8941,
2.0427


 96.4273, 121.1230,
71.4929

 2.9754, 5.3288,
0.5813

 123.4360,
152.9501, 94.9454

 1.1408, 2.4415,
0.0000

155.0686,
189.9148, 123.0363

 0.0588, 0.8471,
0.0000

191.6905,

 0.0000, 0.0000,

232.4013, 156.1841

0.0000

233.6670,
280.7941, 194.8074

■ 27.3244, 37.5017,
15.6959

■ 27.3244, 37.5017,
15.6959

■ 25.2400, 36.5068,
12.0547

■ 29.7256, 38.6413,
20.3042

■ 23.4530, 35.6445,
9.3091

■ 32.4561, 39.9270,
25.9394

■ 21.9460, 34.9087,
7.3815


■ 35.5308, 41.3665,
32.6594


■ 20.6978, 34.2905,
6.1804


■ 38.9628, 42.9654,
40.5171


■ 19.6728, 33.7752,
5.5398


■ 42.7646, 44.7290,
49.5620

 19.5666, 33.7217,
5.4777

 46.9478, 46.6624,
59.8404

 51.5238, 48.7703,
71.3965

 56.5030, 51.0574,
84.2720

 61.8959, 53.5281,
98.5068

Harmonies

Analogous

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



33.6663, 37.5017, 11.6154



27.3244, 37.5017, 15.6959



23.6331, 37.5017, 26.8559

Triad

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



27.3244, 37.5017, 15.6959



30.3543, 37.5017, 93.9208



52.3833, 37.5017, 35.3280

Complementary

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



27.3244, 37.5017, 15.6959



22.0952, 16.0160, 44.0485

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.



51.1600, 37.5017, 58.9731



27.3244, 37.5017, 15.6959



37.6982, 37.5017, 98.7618

Square

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



27.3244, 37.5017, 15.6959



25.1992, 37.5017, 72.6932



45.5017, 37.5017, 84.2167



48.6378, 37.5017, 19.9815

Rectangle

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



27.3244, 37.5017, 15.6959



22.8203, 37.5017, 39.2568



45.5017, 37.5017, 84.2167



52.5484, 37.5017, 42.4507

Sweetspot

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



27.3253, 37.5033, 15.6967



66.6045, 76.0264, 64.1333



29.0471, 27.8160, 13.7361



14.4762, 16.7130, 13.5742



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.3253, 37.5033, 15.6967



45.3711, 66.0083, 21.2096



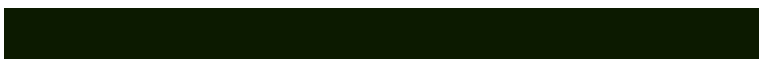
22.1874, 34.8474, 15.7860



8.7571, 9.6798, 9.0594



14.0710, 24.1639, 3.9225



0.5103, 0.7951, 0.1266

Inverse Universe

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



22.0952, 16.0160, 44.0485



34.7271, 22.3127, 78.8576



29.9938, 20.1046, 43.6621



8.4565, 8.4439, 10.6905



9.1348, 4.0449, 30.4363



0.3541, 0.1617, 0.9608

Previews

White Background



This preview shows how the XYZ color 27.3244, 37.5017, 15.6959 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 27.3244, 37.5017, 15.6959 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 27.3244, 37.5017, 15.6959

Background



This preview shows how black text looks on a background with the XYZ color 27.3244, 37.5017, 15.6959.



This preview shows how white text looks on a background with the XYZ color 27.3244, 37.5017,

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

27.3244, 37.5017, 15.6959

Protanopia

34.0112, 37.0466, 14.1622

Deuteranopia

37.9877, 37.2378, 16.2518



Tritanopia

34.0202, 37.3612, 49.1344

Trichromacy



Original Color

27.3244, 37.5017, 15.6959

Protanomaly

31.0537, 36.8670, 14.7119

Deuteranomaly

33.1547, 36.8324, 15.9516

Tritanomaly

30.9130, 37.2186, 33.5716

Monochromacy



Original Color

27.3244, 37.5017, 15.6959

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.0480, 33.9441, 26.4936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3244, 37.5017, 15.6959 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(132, 178, 91)` looks like.

```
.text, #text, p{  
    color:rgb(132, 178, 91)  
}
```

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(132, 178, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 178, 91) }
```

Border

The CSS property to change the border of an element to XYZ 27.3244, 37.5017, 15.6959 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(132, 178, 91) }
```


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

```
.border{ border-color:rgb(132, 178, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 178, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 178, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 178, 91);  
box-shadow:4px 4px 4px 4px rgb(132, 178,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3244, 37.5017, 15.6959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 178, 91) }
```

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

```
.background{ background-color: rgb(132,  
178, 91) }
```

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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