

Converting Colors

XYZ(35.7497, 37.7327, 15.1623)

Have a look what the booklet for
XYZ(35.7497, 37.7327, 15.1623)
contains.

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Color

**XYZ(35.6817, 37.6239,
15.0544)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA35A
RGB	188, 163, 90
RGB Percent	74%, 64%, 35%
CMY	0.2627, 0.3608, 0.6471
CMYK	0.00, 0.13, 0.52, 0.26
HSL	45°, 42%, 55%
HSV	45°, 52%, 74%
XYZ	35.6817, 37.6239, 15.0544
YIQ	162.1530, 38.3330, -17.4030

Conversions

Conversions Part 2

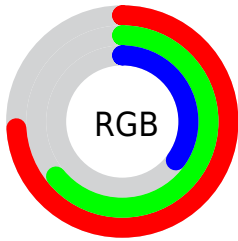
Format	Color
RYB	124, 188, 90
Decimal	12362586
CIELab	67.74, -0.26, 40.97
CIElCh	68, 40.966, 90.371
Yxy	37.6239, 0.4038, 0.4258
Android (android.graphics.Color)	4290552666 (0xFFBCA35A)
YUV	162.1530, -35.5714, 22.6678
Hunter-Lab	61.3383, -3.5051, 28.3852

Details

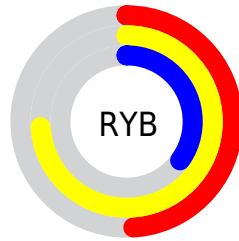
The XYZ color **35.6817, 37.6239, 15.0544** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.4242, 18.0654, 50.0401**, and the grayscale version is **34.5641, 36.3642, 39.6006**.

A 20% lighter version of the original color is **67.9599, 71.6886, 35.8466**, and **15.7101, 16.6540, 4.4843** is the 20% darker color. If you saturate the color by 10%, you get **34.1455, 35.6742, 11.0815**, and if you desaturate by 10%, it is **37.4544, 39.7227, 20.1054**.

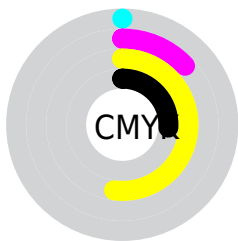
Distribution



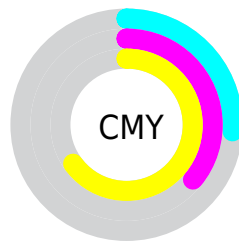
- Red (74%)
- Green (64%)
- Blue (35%)



- Red (49%)
- Yellow (74%)
- Blue (35%)



- Cyan (0%)
- Magenta (13%)
- Yellow (52%)
- Black (26%)





- Cyan (26%)
- Magenta (36%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6817, 37.6239, 15.0544 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 35.6817, 37.6239, 15.0544 by changing the saturation by 10% instead.


 35.6817, 37.6239,
15.0544


 35.6817, 37.6239,
15.0544


319.0227,
336.0038, 235.3474


 24.3574, 25.6909,
8.7105


 67.8676, 71.5313,
35.6922


 15.7251, 16.5926,
4.4586


 89.4599, 94.2745,
50.8233

 9.4195, 9.9444,
1.8802


 115.2056,
121.3899, 69.7205

 5.0751, 5.3621,
0.4801

 145.4701,
153.2620, 92.8023

 2.3266, 2.4613,
0.0000

180.6187,
190.2750, 120.4874

 0.8082, 0.8571,
0.0000

221.0168,

 0.0000, 0.0000,

232.8133, 153.1942

0.0000

267.0297,
281.2615, 191.3414

■ 35.6817, 37.6239,
15.0544

■ 35.6817, 37.6239,
15.0544

■ 34.1455, 35.6742,
11.0815

■ 37.4544, 39.7227,
20.1054

■ 32.8272, 33.8614,
8.1022

■ 39.4752, 41.9714,
26.3058

■ 31.7094, 32.1793,
6.0234

■ 41.7579, 44.3778,
33.7233

■ 30.7705, 30.6187,
4.7328

■ 44.3148, 46.9471,
42.4199

■ 30.1243, 29.4619,
4.0990

■ 47.1571, 49.6844,
52.4532

■ 50.2952, 52.5944,
63.8772

■ 53.7393, 55.6816,
76.7432

■ 57.4989, 58.9504,
91.0996

■ 60.8989, 62.1312,
103.3906

Harmonies

Analogous

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



42.1239, 37.6239, 17.5165



35.6817, 37.6239, 15.0544



29.9510, 37.6239, 17.6448

Triad

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



35.6817, 37.6239, 15.0544



26.2506, 37.6239, 61.2459



47.4223, 37.6239, 60.7366

Complementary

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



35.6817, 37.6239, 15.0544



19.4242, 18.0654, 50.0401

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.



42.2762, 37.6239, 79.0165



35.6817, 37.6239, 15.0544



30.0723, 37.6239, 79.3665

Square

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



35.6817, 37.6239, 15.0544



24.9146, 37.6239, 41.1920



35.8392, 37.6239, 86.6642



49.3698, 37.6239, 40.7409

Rectangle

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



35.6817, 37.6239, 15.0544



27.1787, 37.6239, 22.5074



35.8392, 37.6239, 86.6642



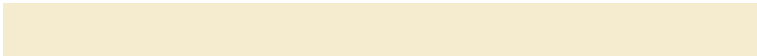
45.9814, 37.6239, 67.4745

Sweetspot

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



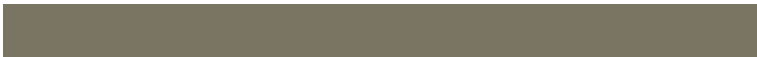
35.6826, 37.6257, 15.0552



78.3363, 83.1228, 70.0739



27.5556, 19.2681, 18.8310



16.6413, 17.6695, 14.3740



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



35.6826, 37.6257, 15.0552



61.3990, 64.0096, 18.9209



35.3736, 44.7183, 16.4405



10.1106, 10.6973, 10.1085



20.5723, 20.1833, 2.8115



0.8554, 0.8898, 0.1267

Inverse Universe

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



19.4242, 18.0654, 50.0401



28.6945, 24.7249, 89.4862



19.5266, 14.4455, 49.3359



9.2090, 9.6103, 12.0418



6.9499, 4.0116, 32.8009



0.3268, 0.2663, 1.3030

Previews

White Background



This preview shows how the XYZ color 35.6817, 37.6239, 15.0544 looks on a white background.

Color Contrast Check

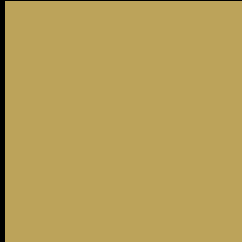
Large Text (above 18pt) WCAG AA × Fail

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 35.6817, 37.6239, 15.0544 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 35.6817, 37.6239, 15.0544

Background



This preview shows how black text looks on a background with the XYZ color 35.6817, 37.6239, 15.0544.



This preview shows how white text looks on a background with the XYZ color 35.6817, 37.6239,

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

35.6817, 37.6239, 15.0544

Protanopia

34.6349, 37.6107, 15.3317

Deuteranopia

38.3024, 37.4258, 15.1027



Tritanopia

40.9442, 37.4665, 41.1502

Trichromacy



Original Color

35.6817, 37.6239, 15.0544

Protanomaly

34.9310, 37.4966, 15.2940

Deuteranomaly

37.3124, 37.4219, 15.1541

Tritanomaly

38.3826, 37.1554, 29.1935

Monochromacy



Original Color

35.6817, 37.6239, 15.0544

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.1589, 36.2762, 28.4942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6817, 37.6239, 15.0544 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(188, 163, 90)` looks like.

```
.text, #text, p{  
    color:rgb(188, 163, 90)  
}
```

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(188, 163, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 163, 90) }
```

Border

The CSS property to change the border of an element to XYZ 35.6817, 37.6239, 15.0544 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(188, 163, 90) }
```


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

```
.border{ border-color:rgb(188, 163, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 163, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 163, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 163, 90);  
box-shadow:4px 4px 4px 4px rgb(188, 163,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6817, 37.6239, 15.0544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 163, 90) }
```

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

```
.background{ background-color: rgb(188,  
163, 90) }
```

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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