

Converting Colors

XYZ(32.5367, 39.5939, 15.5412)

Have a look what the booklet for
XYZ(32.5367, 39.5939, 15.5412)
contains.

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Color

**XYZ(32.4751, 39.5754,
15.6001)**

Conversions

Conversions Part 1

Format	Color
Hex	A3B05A
RGB	163, 176, 90
RGB Percent	64%, 69%, 35%
CMY	0.3608, 0.3098, 0.6470
CMYK	0.07, 0.00, 0.49, 0.31
HSL	69°, 35%, 52%
HSV	69°, 49%, 69%
XYZ	32.4751, 39.5754, 15.6001
YIQ	162.3090, 19.8580, -29.5020

Conversions

Conversions Part 2

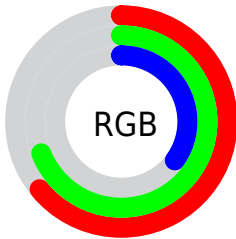
Format	Color
RYB	90, 176, 103
Decimal	10727514
CIELab	69.17, -17.55, 42.18
CIELCh	69, 45.689, 112.585
Yxy	39.5754, 0.3705, 0.4515
Android (android.graphics.Color)	4288917594 (0xFFA3B05A)
YUV	162.3090, -35.6483, 0.6060
Hunter-Lab	62.9090, -17.9448, 29.3336

Details

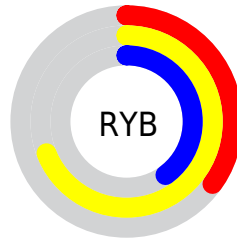
The XYZ color **32.4751, 39.5754, 15.6001** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **17.0876, 13.3315, 42.7492**, and the grayscale version is **34.6440, 36.4482, 39.6921**.

A 20% lighter version of the original color is **62.9525, 74.7263, 36.6969**, and **13.8973, 17.8197, 4.7146** is the 20% darker color. If you saturate the color by 10%, you get **31.2741, 39.0341, 12.0859**, and if you desaturate by 10%, it is **33.8669, 40.1971, 20.0507**.

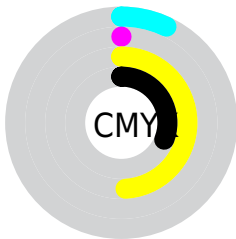
Distribution



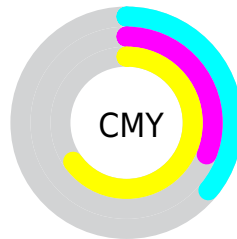
- Red (64%)
- Green (69%)
- Blue (35%)



- Red (35%)
- Yellow (69%)
- Blue (40%)



- Cyan (7%)
- Magenta (0%)
- Yellow (49%)
- Black (31%)



- Cyan (36%)
- Magenta (31%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4751, 39.5754, 15.6001 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 32.4751, 39.5754, 15.6001 by changing the saturation by 10% instead.

■ 32.4751, 39.5754,
15.6001

■ 32.4751, 39.5754,
15.6001

304.9848,
344.3307, 238.7349

■ 21.8819, 27.2076,
9.0903

■ 62.9153, 74.5165,
36.6596

■ 13.8863, 17.7292,
4.7025

■ 83.4931, 97.8587,
52.0465

■ 8.1228, 10.7558,
2.0181

■ 108.1299,
125.6277, 71.2294

■ 4.2261, 5.9029,
0.5664

■ 137.1909,
158.2081, 94.6271

■ 1.8308, 2.7861,
0.0000

171.0415,
195.9842, 122.6579

■ 0.5361, 1.0211,
0.0000

210.0471,

■ 0.0000, 0.0000,

239.3404, 155.7404

0.0000

254.5731,
288.6611, 194.2932

■ 32.4751, 39.5754,
15.6001

■ 32.4751, 39.5754,
15.6001

■ 31.2741, 39.0341,
12.0859

■ 33.8669, 40.1971,
20.0507

■ 30.2482, 38.5628,
9.4387

■ 35.4582, 40.8986,
25.4956

■ 29.3839, 38.1574,
7.5833

■ 37.2604, 41.6858,
31.9911

■ 28.6643, 37.8112,
6.4309

■ 39.2835, 42.5627,
39.5884

■ 28.0585, 37.5118,
5.8191

■ 41.5366, 43.5329,
48.3355

■ 27.9920, 37.4788,
5.7588

■ 44.0282, 44.5999,
58.2774

■ 46.7666, 45.7670,
69.4568

■ 49.7596, 47.0373,
81.9144

■ 53.0145, 48.4138,
95.6887

Harmonies

Analogous

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



39.4571, 39.5754, 14.2454



32.4751, 39.5754, 15.6001



27.5265, 39.5754, 22.9809

Triad

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



32.4751, 39.5754, 15.6001



29.7108, 39.5754, 83.5836



53.3321, 39.5754, 48.4934

Complementary

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



32.4751, 39.5754, 15.6001



17.0876, 13.3315, 42.7492

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.



49.9093, 39.5754, 72.4414



32.4751, 39.5754, 15.6001



35.8315, 39.5754, 96.5502

Square

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



32.4751, 39.5754, 15.6001



26.0806, 39.5754, 60.4579



43.2710, 39.5754, 91.9206



52.1302, 39.5754, 29.4157

Rectangle

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



32.4751, 39.5754, 15.6001



25.7427, 39.5754, 32.1385



43.2710, 39.5754, 91.9206



52.6706, 39.5754, 56.2855

Sweetspot

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



32.4761, 39.5772, 15.6009



68.8485, 76.1537, 62.7447



24.5917, 19.6500, 12.1702



14.7616, 16.4347, 13.0062



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.4761, 39.5772, 15.6009



56.4842, 70.6846, 21.2785



25.1318, 35.7911, 15.2572



9.0683, 9.8403, 9.0739



20.5764, 27.5176, 4.2269



0.6815, 0.8834, 0.1346

Inverse Universe

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



17.0876, 13.3315, 42.7492



25.2377, 17.3232, 76.5088



23.3303, 16.5497, 43.0414



8.1576, 8.2898, 10.6765



6.1062, 2.4837, 30.2946



0.2292, 0.0972, 0.9549

Previews

White Background



This preview shows how the XYZ color 32.4751, 39.5754, 15.6001 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 32.4751, 39.5754, 15.6001 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 32.4751, 39.5754, 15.6001

Background



This preview shows how black text looks on a background with the XYZ color 32.4751, 39.5754, 15.6001.



This preview shows how white text looks on a background with the XYZ color 32.4751, 39.5754,

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

32.4751, 39.5754, 15.6001

Protanopia

36.1991, 39.5196, 14.9527

Deuteranopia

40.2188, 39.4197, 16.0787



Tritanopia

39.0065, 39.4113, 48.1991

Trichromacy



Original Color

32.4751, 39.5754, 15.6001

Protanomaly

34.9158, 39.6913, 15.2721

Deuteranomaly

36.8472, 39.0099, 15.9435

Tritanomaly

36.0034, 39.2911, 33.2901

Monochromacy



Original Color

32.4751, 39.5754, 15.6001

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.1629, 37.0964, 28.7050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4751, 39.5754, 15.6001 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(163, 176, 90)` looks like.

```
.text, #text, p{  
    color:rgb(163, 176, 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(163, 176, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 176, 90) }
```

Border

The CSS property to change the border of an element to XYZ 32.4751, 39.5754, 15.6001 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(163, 176, 90) }
```


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

```
.border{ border-color:rgb(163, 176, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 176, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 176, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 176, 90);  
box-shadow:4px 4px 4px 4px rgb(163, 176,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4751, 39.5754, 15.6001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 176, 90) }
```

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

```
.background{ background-color: rgb(163,  
176, 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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