

Converting Colors

XYZ(32.1463, 43.2880, 15.2585)

Have a look what the booklet for
XYZ(32.1463, 43.2880, 15.2585)
contains.

XYZ(32.2317, 43.4406, 15.2804)	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(32.2317, 43.4406,
15.2804)**

Conversions

Conversions Part 1

Format	Color
Hex	95BD55
RGB	149, 189, 85
RGB Percent	58%, 74%, 33%
CMY	0.4157, 0.2588, 0.6667
CMYK	0.21, 0.00, 0.55, 0.26
HSL	83°, 44%, 54%
HSV	83°, 55%, 74%
XYZ	32.2317, 43.4406, 15.2804
YIQ	165.1840, 9.5440, -40.8240

Conversions

Conversions Part 2

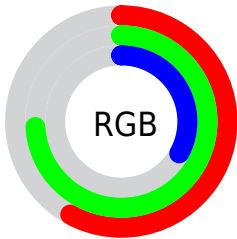
Format	Color
R_{YB}	85, 189, 125
Decimal	9813333
CIE _{Lab}	71.85, -30.00, 47.54
CIE _{LCh}	72, 56.214, 122.259
Yxy	43.4406, 0.3544, 0.4776
Android (android.graphics.Color)	4288003413 (0xFF95BD55)
YUV	165.1840, -39.5307, -14.1934
Hunter-Lab	65.9095, -28.0498, 32.3909

Details

The XYZ color **32.2317, 43.4406, 15.2804** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **20.8930, 14.5323, 49.8504**, and the grayscale version is **36.0342, 37.9107, 41.2848**.

A 20% lighter version of the original color is **62.4167, 80.1189, 36.2195**, and **13.6578, 19.8706, 4.5544** is the 20% darker color. If you saturate the color by 10%, you get **30.2939, 42.5185, 11.7803**, and if you desaturate by 10%, it is **34.4549, 44.4894, 19.8423**.

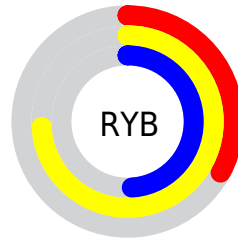
Distribution



Red (58%)

Green (74%)

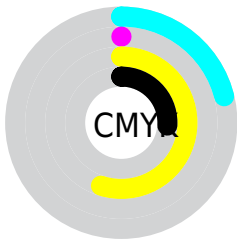
Blue (33%)



Red (33%)

Yellow (74%)

Blue (49%)

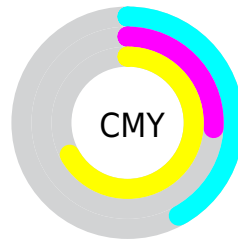


Cyan (21%)

Magenta (0%)

Yellow (55%)

Black (26%)



Cyan (42%)


Magenta (26%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2317, 43.4406, 15.2804 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 32.2317, 43.4406, 15.2804 by changing the saturation by 10% instead.


 32.2317, 43.4406,
15.2804


 32.2317, 43.4406,
15.2804


303.8999,
360.4206, 236.7561

 21.6949, 30.2310,
8.8676


 62.5369, 80.3753,
36.0936

 13.7483, 20.0140,
4.5593


 83.0360, 104.8692,
51.3310


 8.0263, 12.4052,
1.9369

 107.5867,
133.8933, 70.3471

 4.1637, 7.0203,
0.5161

 136.5542,
167.8320, 93.5604

 1.7952, 3.4748,
0.0000

 170.3039,
207.0697, 121.3894

 0.5148, 1.3843,
0.0000

209.2012,

 0.0000, 0.2051,

251.9907, 154.2527

0.0000

253.6114,
302.9796, 192.5687

■ 0.0000, 0.0000,
0.0000

■ 32.2317, 43.4406,
15.2804

■ 32.2317, 43.4406,
15.2804

■ 30.2939, 42.5185,
11.7803

■ 34.4549, 44.4894,
19.8423

■ 28.6207, 41.7101,
9.2531

■ 36.9765, 45.6659,
25.5401

■ 27.1924, 41.0089,
7.6000

■ 39.8121, 46.9778,
32.4442

■ 25.9846, 40.4050,
6.6994

■ 42.9752, 48.4308,
40.6187

■ 25.4414, 40.1309,
6.4051

■ 46.4786, 50.0301,
50.1232

■ 50.3341, 51.7806,
61.0134

■ 54.5529, 53.6870,
73.3418

■ 59.1459, 55.7537,
87.1584

■ 64.1060, 57.9781,
102.4199

Harmonies

Analogous

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



40.5686, 43.4406, 11.7802



32.2317, 43.4406, 15.2804



27.0592, 43.4406, 26.7772

Triad

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



32.2317, 43.4406, 15.2804



33.3076, 43.4406, 110.8933



62.5228, 43.4406, 45.2543

Complementary

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



32.2317, 43.4406, 15.2804



20.8930, 14.5323, 49.8504

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.



59.7952, 43.4406, 76.2910



32.2317, 43.4406, 15.2804



42.0179, 43.4406, 121.8457

Square

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



32.2317, 43.4406, 15.2804



27.6096, 43.4406, 81.3423



51.9015, 43.4406, 107.2709



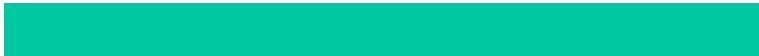
58.8724, 43.4406, 24.3918

Rectangle

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



32.2317, 43.4406, 15.2804



25.6174, 43.4406, 40.5545



51.9015, 43.4406, 107.2709



62.3208, 43.4406, 54.7536

Sweetspot

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



32.2327, 43.4425, 15.2813



75.6402, 86.1283, 69.2527



29.9443, 26.1097, 12.0564



16.0175, 18.4075, 14.2443



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.



32.2327, 43.4425, 15.2813



53.6081, 75.8367, 20.0432



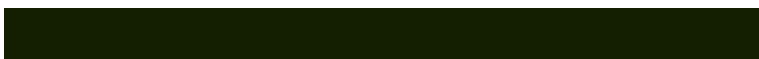
24.7826, 39.6019, 14.9327



9.9571, 10.9323, 10.1620



17.2043, 27.0450, 4.3134



0.7448, 1.0959, 0.1723

Inverse Universe

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



20.8930, 14.5323, 49.8504



31.3060, 18.8567, 88.2159



30.5365, 19.5037, 50.3017



9.3542, 9.3994, 11.9935



8.0932, 3.4583, 32.6339



0.3905, 0.1734, 1.2817

Previews

White Background



This preview shows how the XYZ color 32.2317, 43.4406, 15.2804 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 32.2317, 43.4406, 15.2804 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 32.2317, 43.4406, 15.2804

Background



This preview shows how black text looks on a background with the XYZ color 32.2317, 43.4406, 15.2804.



This preview shows how white text looks on a background with the XYZ color 32.2317, 43.4406,

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

32.2317, 43.4406, 15.2804

Protanopia

39.5162, 43.2469, 14.0493

Deuteranopia

44.0259, 42.9917, 15.8753



Tritanopia

40.5391, 43.4331, 56.1160

Trichromacy



Original Color

32.2317, 43.4406, 15.2804

Protanomaly

36.4070, 43.1219, 14.3872

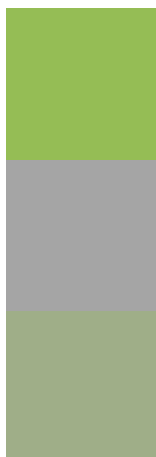
Deuteranomaly

38.8714, 42.5877, 15.6227

Tritanomaly

36.5783, 43.0249, 36.5137

Monochromacy



Original Color

32.2317, 43.4406, 15.2804

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

33.8781, 39.4206, 29.1159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2317, 43.4406, 15.2804 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(149, 189, 85)` looks like.

```
.text, #text, p{  
    color:rgb(149, 189, 85)  
}
```

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(149, 189, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 189, 85) }
```

Border

The CSS property to change the border of an element to XYZ 32.2317, 43.4406, 15.2804 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(149, 189, 85) }
```


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

```
.border{ border-color:rgb(149, 189, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 189, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 189, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 189, 85);  
box-shadow:4px 4px 4px 4px rgb(149, 189,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2317, 43.4406, 15.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 189, 85) }
```

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

```
.background{ background-color: rgb(149,  
189, 85) }
```

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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