

Converting Colors

XYZ(32.4809, 41.1804, 17.4811)

Have a look what the booklet for
XYZ(32.4809, 41.1804, 17.4811)
contains.

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Color

**XYZ(32.5959, 41.3869,
17.5797)**

Conversions

Conversions Part 1

Format	Color
Hex	9CB661
RGB	156, 182, 97
RGB Percent	61%, 71%, 38%
CMY	0.3882, 0.2863, 0.6196
CMYK	0.14, 0.00, 0.47, 0.29
HSL	78°, 37%, 55%
HSV	78°, 47%, 71%
XYZ	32.5959, 41.3869, 17.5797
YIQ	164.5360, 11.7890, -31.9470

Conversions

Conversions Part 2

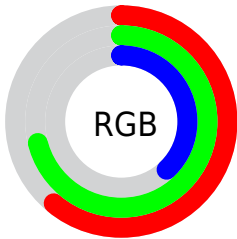
Format	Color
R_{YB}	97, 182, 123
Decimal	10270305
CIE _{Lab}	70.45, -22.63, 40.14
CIE _{LCh}	70, 46.081, 119.415
Yxy	41.3869, 0.3560, 0.4520
Android (android.graphics.Color)	4288460385 (0xFF9CB661)
YUV	164.5360, -33.2952, -7.4861
Hunter-Lab	64.3327, -22.1402, 28.8311

Details

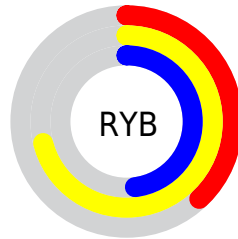
The XYZ color **32.5959, 41.3869, 17.5797** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **20.8882, 16.1388, 46.2726**, and the grayscale version is **35.6932, 37.5520, 40.8942**.

A 20% lighter version of the original color is **63.1507, 77.3160, 40.0289**, and **13.9569, 18.7893, 5.5804** is the 20% darker color. If you saturate the color by 10%, you get **30.7902, 40.5444, 13.5624**, and if you desaturate by 10%, it is **34.6477, 42.3364, 22.6265**.

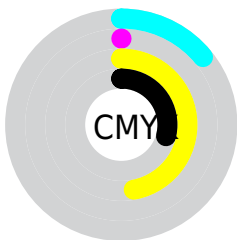
Distribution



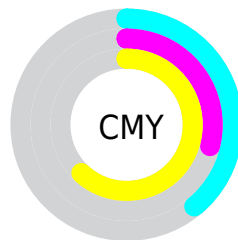
- Red (61%)
- Green (71%)
- Blue (38%)



- Red (38%)
- Yellow (71%)
- Blue (48%)



- Cyan (14%)
- Magenta (0%)
- Yellow (47%)
- Black (29%)



- Cyan (39%)
- Magenta (29%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5959, 41.3869, 17.5797 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 32.5959, 41.3869, 17.5797 by changing the saturation by 10% instead.

■ 32.5959, 41.3869,
17.5797

■ 32.5959, 41.3869,
17.5797

305.5222,
351.9351, 250.6473

■ 21.9748, 28.6215,
10.4823

■ 63.1030, 77.2709,
40.1240

■ 13.9549, 18.7947,
5.6102

■ 83.7198, 101.1583,
56.4081

■ 8.1708, 11.5220,
2.5446

■ 108.3991,
129.5218, 76.5915

■ 4.2572, 6.4191,
0.8636

■ 137.5064,
162.7458, 101.0928

■ 1.8486, 3.1016,
0.0000

171.4070,
201.2148, 130.3305

■ 0.5467, 1.1850,
0.0000

210.4663,

■ 0.0000, 0.0494,

245.3130, 164.7231

0.0000

255.0495,
295.4250, 204.6892

■ 0.0000, 0.0000,
0.0000

■ 32.5959, 41.3869,
17.5797

■ 32.5959, 41.3869,
17.5797

■ 30.7902, 40.5444,
13.5624

■ 34.6477, 42.3364,
22.6265

■ 29.2135, 39.7977,
10.5008

■ 36.9555, 43.3926,
28.7644

■ 27.8509, 39.1422,
8.3156


■ 39.5321, 44.5623,
36.0536


■ 26.6840, 38.5705,
6.9136


■ 42.3886, 45.8498,
44.5488


■ 25.6879, 38.0725,
6.1671


■ 45.5353, 47.2594,
54.3014

 25.3809, 37.9180,
5.9812

 48.9820, 48.7950,
65.3598

 52.7380, 50.4605,
77.7698

 56.8120, 52.2594,
91.5750

 60.2636, 53.8156,
101.8190

Harmonies

Analogous

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



39.4863, 41.3869, 14.8581



32.5959, 41.3869, 17.5797



28.0633, 41.3869, 26.9663

Triad

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



32.5959, 41.3869, 17.5797



32.3686, 41.3869, 91.4716



55.8096, 41.3869, 45.4917

Complementary

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



32.5959, 41.3869, 17.5797



20.8882, 16.1388, 46.2726

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.



53.2859, 41.3869, 69.8515



32.5959, 41.3869, 17.5797



39.1881, 41.3869, 101.1107

Square

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



32.5959, 41.3869, 17.5797



27.9444, 41.3869, 68.8656



46.9488, 41.3869, 92.1579



53.4686, 41.3869, 27.4949

Rectangle

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



32.5959, 41.3869, 17.5797



26.6644, 41.3869, 37.8130



46.9488, 41.3869, 92.1579



55.4975, 41.3869, 53.1857

Sweetspot

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



32.5969, 41.3887, 17.5806



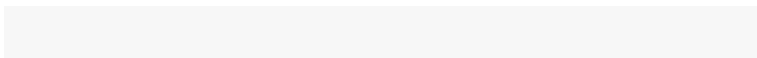
72.8969, 81.3422, 68.9532



28.4717, 24.8516, 14.6060



15.8631, 17.8586, 14.5349



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.5969, 41.3887, 17.5806



55.7448, 73.4676, 24.4316



25.8264, 37.8984, 17.2637



9.4756, 10.3618, 9.6075



17.9929, 26.8120, 4.2269



0.6942, 0.9761, 0.1518

Inverse Universe

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



20.8882, 16.1388, 46.2726



31.9658, 22.1111, 82.8188



28.2367, 19.9271, 46.6165



8.7726, 8.8491, 11.3251



7.1622, 3.0035, 31.4553



0.3176, 0.1395, 1.1119

Previews

White Background



This preview shows how the XYZ color 32.5959, 41.3869, 17.5797 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 32.5959, 41.3869, 17.5797 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

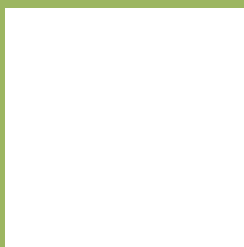
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5959, 41.3869, 17.5797

Background



This preview shows how black text looks on a background with the XYZ color 32.5959, 41.3869, 17.5797.



This preview shows how white text looks on a background with the XYZ color 32.5959, 41.3869,

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

32.5959, 41.3869, 17.5797

Protanopia

37.7592, 41.1320, 16.5388

Deuteranopia

41.9189, 41.0458, 18.0252



Tritanopia

39.5518, 41.2657, 52.3348

Trichromacy



Original Color

32.5959, 41.3869, 17.5797

Protanomaly

35.7224, 41.2240, 16.9007

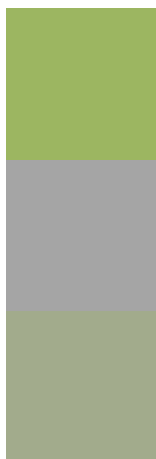
Deuteranomaly

38.0984, 40.9931, 17.9610

Tritanomaly

36.4623, 41.1703, 36.5967

Monochromacy



Original Color

32.5959, 41.3869, 17.5797

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.1968, 38.7007, 30.4786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5959, 41.3869, 17.5797 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(156, 182, 97)` looks like.

```
.text, #text, p{  
    color:rgb(156, 182, 97)  
}
```

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(156, 182, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 182, 97) }
```

Border

The CSS property to change the border of an element to XYZ 32.5959, 41.3869, 17.5797 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(156, 182, 97) }
```


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

```
.border{ border-color:rgb(156, 182, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 182, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 182, 97); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 182, 97); box-shadow:4px 4px 4px 4px rgb(156, 182, 97) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5959, 41.3869, 17.5797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 182, 97) }
```

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

```
.background{ background-color: rgb(156,  
182, 97) }
```

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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