

Converting Colors

XYZ(34.4135, 41.7216, 17.5572)

Have a look what the booklet for
XYZ(34.4135, 41.7216, 17.5572)
contains.

XYZ(34.4153, 41.7211, 17.5484)	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(34.4153, 41.7211,
17.5484)**

Conversions

Conversions Part 1

Format	Color
Hex	A7B461
RGB	167, 180, 97
RGB Percent	65%, 71%, 38%
CMY	0.3451, 0.2941, 0.6196
CMYK	0.07, 0.00, 0.46, 0.29
HSL	69°, 36%, 54%
HSV	69°, 46%, 71%
XYZ	34.4153, 41.7211, 17.5484
YIQ	166.6510, 18.8950, -28.5690

Conversions

Conversions Part 2

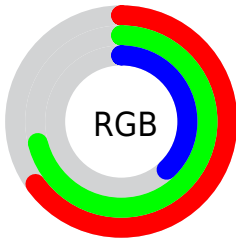
Format	Color
RYB	97, 180, 110
Decimal	10990689
CIELab	70.68, -17.24, 40.61
CIELCh	71, 44.112, 113.002
Yxy	41.7211, 0.3674, 0.4453
Android (android.graphics.Color)	4289180769 (0xFFA7B461)
YUV	166.6510, -34.3379, 0.3061
Hunter-Lab	64.5919, -17.9289, 29.1063

Details

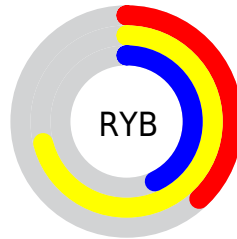
The XYZ color **34.4153, 41.7211, 17.5484** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **18.9449, 15.1608, 45.1103**, and the grayscale version is **36.7170, 38.6291, 42.0671**.

A 20% lighter version of the original color is **65.8517, 77.8488, 39.9893**, and **14.9125, 18.8947, 5.5504** is the 20% darker color. If you saturate the color by 10%, you get **33.0805, 41.1206, 13.5911**, and if you desaturate by 10%, it is **35.9556, 42.4083, 22.5111**.

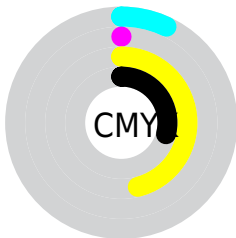
Distribution



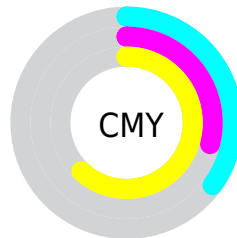
- Red (65%)
- Green (71%)
- Blue (38%)



- Red (38%)
- Yellow (71%)
- Blue (43%)



- Cyan (7%)
- Magenta (0%)
- Yellow (46%)
- Black (29%)



- Cyan (35%)
- Magenta (29%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4153, 41.7211, 17.5484 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 34.4153, 41.7211, 17.5484 by changing the saturation by 10% instead.

■ 34.4153, 41.7211,
17.5484

■ 34.4153, 41.7211,
17.5484

313.5333,
353.3255, 250.4632

■ 23.3772, 28.8830,
10.4602

■ 65.9190, 77.7773,
40.0698

■ 14.9945, 18.9923,
5.5955

■ 87.1153, 101.7643,
56.3400

■ 8.9018, 11.6647,
2.5360

■ 112.4284,
130.2362, 76.5080

■ 4.7338, 6.5158,
0.8591

■ 142.2237,
163.5776, 100.9923

■ 2.1251, 3.1612,
0.0000

176.8665,
202.1728, 130.2114

■ 0.7028, 1.2165,
0.0000

216.7221,

■ 0.0000, 0.0751,

246.4063, 164.5839

0.0000

262.1559,
296.6624, 204.5283

■ 0.0000, 0.0000,
0.0000

■ 34.4153, 41.7211,
17.5484

■ 34.4153, 41.7211,
17.5484

■ 33.0805, 41.1206,
13.5911

■ 35.9556, 42.4083,
22.5111

■ 31.9350, 40.5958,
10.5677

■ 37.7103, 43.1812,
28.5388

■ 30.9651, 40.1427,
8.4019


■ 39.6912, 44.0463,
35.6896


■ 30.1536, 39.7545,
7.0039


■ 41.9087, 45.0074,
44.0167


■ 29.4783, 39.4222,
6.2566


■ 44.3722, 46.0685,
53.5698

 29.2340, 39.3007,
6.0450

 47.0907, 47.2331,
64.3959

 50.0727, 48.5047,
76.5393

 53.3263, 49.8865,
90.0424

 56.2074, 51.1209,
101.5126

Harmonies

Analogous

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



41.3907, 41.7211, 16.0553



34.4153, 41.7211, 17.5484



29.4613, 41.7211, 25.2647

Triad

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



34.4153, 41.7211, 17.5484



31.7883, 41.7211, 85.7236



55.2937, 41.7211, 50.5065

Complementary

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



34.4153, 41.7211, 17.5484



18.9449, 15.1608, 45.1103

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.



51.9637, 41.7211, 74.1898



34.4153, 41.7211, 17.5484



37.9679, 41.7211, 98.1944

Square

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



34.4153, 41.7211, 17.5484



28.0797, 41.7211, 63.0292



45.4005, 41.7211, 93.4276



54.0400, 41.7211, 31.4514

Rectangle

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



34.4153, 41.7211, 17.5484



27.6818, 41.7211, 34.6530



45.4005, 41.7211, 93.4276



54.6609, 41.7211, 58.2309

Sweetspot

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



34.4163, 41.7230, 17.5493



72.6839, 80.1734, 67.3699



26.4983, 21.6011, 14.0827



15.5331, 17.2516, 13.9084



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.



34.4163, 41.7230, 17.5493



60.0168, 74.5735, 24.7496



27.0920, 37.9472, 17.2065



9.0637, 9.8379, 9.0737



20.4488, 27.4518, 4.2210



0.6785, 0.8818, 0.1345

Inverse Universe

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



18.9449, 15.1608, 45.1103



28.6202, 20.6141, 80.7651



25.2676, 18.4202, 45.4062



8.1619, 8.2920, 10.6767



6.1258, 2.4938, 30.2955



0.2309, 0.0981, 0.9550

Previews

White Background



This preview shows how the XYZ color 34.4153, 41.7211, 17.5484 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 34.4153, 41.7211, 17.5484 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

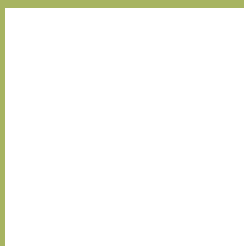
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.4153, 41.7211, 17.5484

Background



This preview shows how black text looks on a background with the XYZ color 34.4153, 41.7211, 17.5484.



This preview shows how white text looks on a background with the XYZ color 34.4153, 41.7211,

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

34.4153, 41.7211, 17.5484

Protanopia

38.1992, 41.6424, 16.6142

Deuteranopia

42.3824, 41.5515, 18.0984



Tritanopia

41.1579, 41.5573, 51.1995

Trichromacy



Original Color

34.4153, 41.7211, 17.5484

Protanomaly

36.8823, 41.8220, 16.9550

Deuteranomaly

38.9231, 41.1389, 17.9457

Tritanomaly

38.0371, 41.4233, 35.6965

Monochromacy



Original Color

34.4153, 41.7211, 17.5484

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.5714, 39.6735, 31.3741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4153, 41.7211, 17.5484 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(167, 180, 97)` looks like.

```
.text, #text, p{  
    color:rgb(167, 180, 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(167, 180, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 180, 97) }
```

Border

The CSS property to change the border of an element to XYZ 34.4153, 41.7211, 17.5484 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(167, 180, 97) }
```


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

```
.border{ border-color:rgb(167, 180, 97) }
```

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

Here you see how a box with a 4 pixel rgb(167, 180, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 180, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 180, 97);  
box-shadow:4px 4px 4px 4px rgb(167, 180,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4153, 41.7211, 17.5484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 180, 97) }
```

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

```
.background{ background-color: rgb(167,  
180, 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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