

Converting Colors

XYZ(41.1429, 60.6367, 34.1805)

Have a look what the booklet for
XYZ(41.1429, 60.6367, 34.1805)
contains.

XYZ(41.1746, 60.6494, 34.3473)	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(41.1746, 60.6494,
34.3473)**

Conversions

Conversions Part 1

Format	Color
Hex	84E18C
RGB	132, 225, 140
RGB Percent	52%, 88%, 55%
CMY	0.4823, 0.1176, 0.4510
CMYK	0.41, 0.00, 0.38, 0.12
HSL	125°, 61%, 70%
HSV	125°, 41%, 88%
XYZ	41.1746, 60.6494, 34.3473
YIQ	187.5030, -28.1430, -46.1510

Conversions

Conversions Part 2

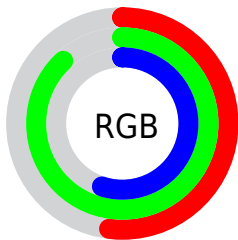
Format	Color
RYB	132, 218, 225
Decimal	8708492
CIELab	82.19, -44.91, 33.15
CIELCh	82, 55.814, 143.568
Yxy	60.6494, 0.3024, 0.4454
Android (android.graphics.Color)	4286898572 (0xFF84E18C)
YUV	187.5030, -23.4190, -48.6761
Hunter-Lab	77.8777, -41.9116, 28.3651

Details

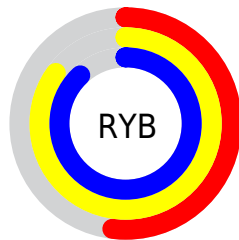
The XYZ color **41.1746, 60.6494, 34.3473** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **51.8290, 37.5211, 70.1586**, and the grayscale version is **47.6594, 50.1414, 54.6040**.

A 20% lighter version of the original color is **66.4839, 86.2339, 64.1797**, and **18.9716, 30.6337, 14.3642** is the 20% darker color. If you saturate the color by 10%, you get **36.6510, 58.4783, 26.9466**, and if you desaturate by 10%, it is **46.7435, 63.3301, 43.2787**.

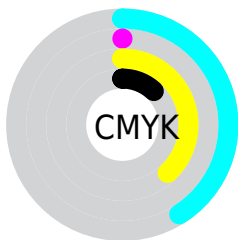
Distribution



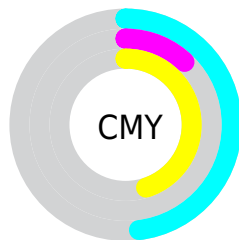
- Red (52%)
- Green (88%)
- Blue (55%)



- Red (52%)
- Yellow (85%)
- Blue (88%)



- Cyan (41%)
- Magenta (0%)
- Yellow (38%)
- Black (12%)



- Cyan (48%)
- Magenta (12%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1746, 60.6494, 34.3473 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 41.1746, 60.6494, 34.3473 by changing the saturation by 10% instead.

41.1746, 60.6494,
34.3473

41.1746, 60.6494,
34.3473

342.1000,
426.9873, 336.4942

28.6438, 43.9423,
22.8810

76.2219, 105.7711,
67.6134

18.9545, 30.6251,
14.3012

99.4691, 134.9545,
90.2504

11.7412, 20.3136,
8.1893

127.0192,
169.0655, 117.4480

6.6386, 12.6232,
4.1268

159.2375,
208.4884, 149.6247

3.2815, 7.1696,
1.6952

196.4894,
253.6076, 187.1991

1.3043, 3.5684,
0.3574

239.1402,

0.1864, 1.4352,

304.8076, 230.5899

0.0000

287.5552,
362.4727, 280.2154

■ 0.0000, 0.2424,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.1746, 60.6494,
34.3473

■ 41.1746, 60.6494,
34.3473

■ 36.6510, 58.4783,
26.9466

■ 46.7435, 63.3301,
43.2787

■ 33.1030, 56.7775,
20.9870


■ 53.4124, 66.5418,
53.8158


■ 30.4596, 55.5141,
16.3757


■ 61.2380, 70.3137,
66.0333


■ 28.6384, 54.6479,
13.0075

■ 70.2715, 74.6708,
80.0003

 27.5415, 54.1310,
10.7617

 80.5611, 79.6367,
95.7819

 27.0470, 53.9010,
9.6106

 86.2164, 82.3328,
105.9555

Harmonies

Analogous

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



48.9991, 60.6494, 22.4390



41.1746, 60.6494, 34.3473



37.8231, 60.6494, 58.9869

Triad

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



41.1746, 60.6494, 34.3473



55.1281, 60.6494, 154.5256



81.1776, 60.6494, 43.2130

Complementary

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



41.1746, 60.6494, 34.3473



51.8290, 37.5211, 70.1586

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.



83.4074, 60.6494, 73.6273



41.1746, 60.6494, 34.3473



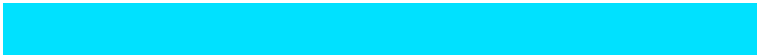
67.2534, 60.6494, 145.8166

Square

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



41.1746, 60.6494, 34.3473



45.1347, 60.6494, 133.7580



78.0099, 60.6494, 112.9153



72.2776, 60.6494, 26.1938

Rectangle

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



41.1746, 60.6494, 34.3473



38.1965, 60.6494, 82.5752



78.0099, 60.6494, 112.9153



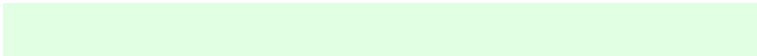
82.7784, 60.6494, 51.8688

Sweetspot

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



41.1761, 60.6519, 34.3487



80.4942, 92.9791, 86.4008



59.7822, 70.3094, 32.2506



16.9205, 19.7526, 18.0134



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



41.1761, 60.6519, 34.3487



49.2085, 77.9191, 36.6693



45.3322, 62.3144, 56.2342



13.5764, 15.3563, 14.8046



15.6027, 31.0659, 5.6310



1.0983, 2.1600, 0.4787

Inverse Universe

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



51.8290, 37.5211, 70.1586



65.2280, 43.1018, 90.4945



46.6313, 35.4420, 42.7879



14.2415, 13.9142, 17.0419



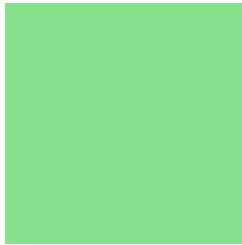
24.3098, 11.7909, 34.6266



1.7002, 0.8234, 2.4801

Previews

White Background



This preview shows how the XYZ color 41.1746, 60.6494, 34.3473 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 41.1746, 60.6494, 34.3473 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 41.1746, 60.6494, 34.3473

Background



This preview shows how black text looks on a background with the XYZ color 41.1746, 60.6494, 34.3473.



This preview shows how white text looks on a background with the XYZ color 41.1746, 60.6494,

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

41.1746, 60.6494, 34.3473

Protanopia

55.2715, 59.7227, 30.0872

Deuteranopia

61.0572, 59.8376, 35.9355



Tritanopia

51.2329, 60.4420, 84.5675

Trichromacy



Original Color

41.1746, 60.6494, 34.3473



Protanomaly

48.5836, 59.1286, 31.4066



Deuteranomaly

51.1927, 58.5737, 34.9933



Tritanomaly

46.7660, 60.1493, 62.5712

Monochromacy



Original Color

41.1746, 60.6494, 34.3473



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

44.3858, 53.0384, 46.4261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1746, 60.6494, 34.3473 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(132, 225, 140)` looks like.

```
.text, #text, p{  
    color:rgb(132, 225, 140)  
}
```

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(132, 225, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 225, 140) }
```

Border

The CSS property to change the border of an element to XYZ 41.1746, 60.6494, 34.3473 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(132, 225, 140) }
```


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

```
.border{ border-color:rgb(132, 225, 140) }
```

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

Here you see how a box with a 4 pixel rgb(132, 225, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 225, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 225, 140);  
box-shadow:4px 4px 4px 4px rgb(132, 225,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1746, 60.6494, 34.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 225, 140) }
```

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

```
.background{ background-color: rgb(132,  
225, 140) }
```

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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