

Converting Colors

XYZ(34.5352, 61.3551, 33.8885)

Have a look what the booklet for
XYZ(34.5352, 61.3551, 33.8885)
contains.

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Color

**XYZ(34.5843, 61.4004,
34.0734)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 14EB8A |
| RGB | 20, 235, 138 |
| RGB Percent | 8%, 92%, 54% |
| CMY | 0.9215, 0.0784, 0.4588 |
| CMYK | 0.91, 0.00, 0.41, 0.08 |
| HSL | 153°, 84%, 50% |
| HSV | 153°, 91%, 92% |
| XYZ | 34.5843, 61.4004, 34.0734 |
| YIQ | 159.6570, -97.0030, -75.7470 |

Conversions

Conversions Part 2

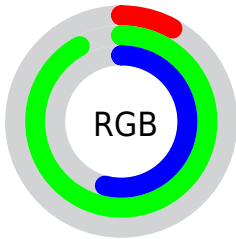
| Format | Color |
|-------------------------------------|----------------------------------|
| R_{YB} | 20, 159, 235 |
| Decimal | 1371018 |
| CIE _{Lab} | 82.59, -68.01, 34.20 |
| CIE _{LCh} | 83, 76.131, 153.302 |
| Y _{xy} | 61.4004, 0.2659, 0.4721 |
| Android (android.graphics.Color) | 4279561098 (0xFF14EB8A) |
| YUV | 159.6570, -10.6769, -122.4792 |
| Hunter-Lab | 78.3584, -58.3444, 29.0692 |

Details

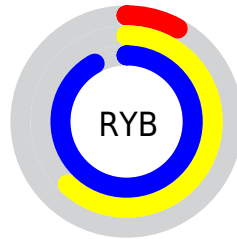
The XYZ color **34.5843, 61.4004, 34.0734** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **37.7244, 19.4483, 18.5997**, and the grayscale version is **33.3379, 35.0741, 38.1957**.

A 20% lighter version of the original color is **52.2139, 78.9032, 62.3471**, and **17.6407, 32.5289, 14.3658** is the 20% darker color. If you saturate the color by 10%, you get **33.6701, 61.0032, 30.7596**, and if you desaturate by 10%, it is **36.1208, 62.1011, 38.3519**.

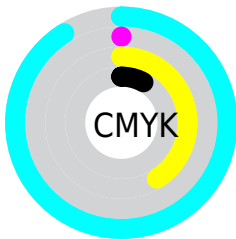
Distribution



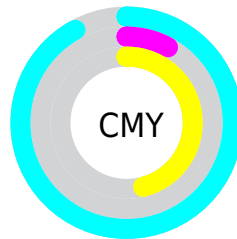
- Red (8%)
- Green (92%)
- Blue (54%)



- Red (8%)
- Yellow (62%)
- Blue (92%)



- Cyan (91%)
- Magenta (0%)
- Yellow (41%)
- Black (8%)





- Cyan (92%)
- Magenta (8%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5843, 61.4004, 34.0734 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 34.5843, 61.4004, 34.0734 by changing the saturation by 10% instead.

 34.5843, 61.4004,
34.0734


 34.5843, 61.4004,
34.0734


314.2699,
429.7406, 335.2384


 23.5078, 44.5484,
22.6722


 66.1796, 106.8585,
67.1830


 15.0917, 31.1019,
14.1486


 87.4291, 136.2333,
89.7284


 8.9705, 20.6764,
8.0842


 112.8003,
170.5512, 116.8257

 4.7789, 12.8877,
4.0603

 142.6586,
210.1966, 148.8934

 2.1515, 7.3513,
1.6585

 177.3694,
255.5538, 186.3499

 0.7170, 3.6827,
0.3321

217.2980,

 0.0000, 1.4977,

307.0073, 229.6139

0.0000

262.8097,
364.9414, 279.1039

■ 0.0000, 0.2871,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 34.5843, 61.4004,
34.0734

■ 34.5843, 61.4004,
34.0734


■ 33.6701, 61.0032,
30.7596


■ 36.1208, 62.1011,
38.3519


■ 38.3013, 63.1232,
43.0613


■ 41.2140, 64.5137,
48.2172


■ 44.9314, 66.3096,
53.8329

 49.5166, 68.5433,
59.9211

 55.0264, 71.2440,
66.4936

 61.5125, 74.4379,
73.5618

 69.0225, 78.1496,
81.1367

 77.6011, 82.4018,
89.2288

Harmonies

Analogous

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



42.7771, 61.4004, 16.3756



34.5843, 61.4004, 34.0734



32.3135, 61.4004, 72.1627

Triad

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



34.5843, 61.4004, 34.0734



60.1844, 61.4004, 202.6004



88.6937, 61.4004, 28.6698

Complementary

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



34.5843, 61.4004, 34.0734



37.7244, 19.4483, 18.5997

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.



95.6050, 61.4004, 61.8134



34.5843, 61.4004, 34.0734



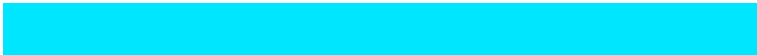
77.3289, 61.4004, 173.5364

Square

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



34.5843, 61.4004, 34.0734



45.3715, 61.4004, 183.4924



91.1031, 61.4004, 115.8770



73.6154, 61.4004, 14.4326

Rectangle

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



34.5843, 61.4004, 34.0734



34.0330, 61.4004, 109.0535



91.1031, 61.4004, 115.8770



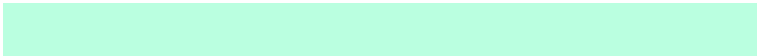
92.1644, 61.4004, 37.2456

Sweetspot

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



34.5859, 61.4029, 34.0748



69.4920, 87.3562, 83.6741



37.6291, 63.4871, 10.9334



14.3219, 18.4261, 17.2956



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.



34.5859, 61.4029, 34.0748



40.4897, 73.4119, 36.8263



42.9835, 61.5448, 88.2142



15.2142, 17.0005, 17.8110



18.8035, 33.9759, 17.4624



1.5249, 2.6873, 1.6261

Inverse Universe

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



37.7244, 19.4483, 18.5997



44.3376, 22.4990, 18.2416



34.7847, 18.5055, 2.4010



15.3480, 15.1671, 17.1179



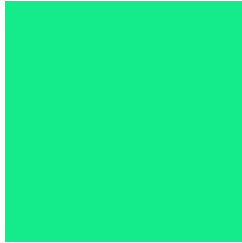
20.5789, 10.4343, 8.8499



1.6638, 0.8385, 0.9471

Previews

White Background



This preview shows how the XYZ color 34.5843, 61.4004, 34.0734 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 34.5843, 61.4004, 34.0734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

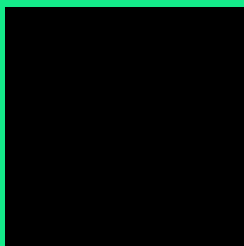
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.5843, 61.4004, 34.0734

Background



This preview shows how black text looks on a background with the XYZ color 34.5843, 61.4004, 34.0734.

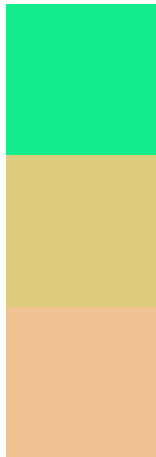


This preview shows how white text looks on a background with the XYZ color 34.5843, 61.4004,

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

34.5843, 61.4004, 34.0734

Protanopia

55.4830, 60.2217, 28.4383

Deuteranopia

61.0572, 59.8376, 35.9355



Tritanopia

46.1953, 61.1525, 92.5879

Trichromacy



Original Color

34.5843, 61.4004, 34.0734



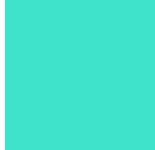
Protanomaly

40.7241, 56.6021, 29.8980



Deuteranomaly

42.7786, 55.6839, 34.8789



Tritanomaly

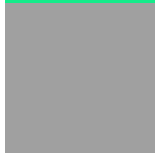
40.4181, 60.3546, 66.6461

Monochromacy



Original Color

34.5843, 61.4004, 34.0734



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

29.7445, 41.0589, 36.0632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5843, 61.4004, 34.0734 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(20, 235, 138)` looks like.

```
.text, #text, p{  
    color:rgb(20, 235, 138)  
}
```

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(20, 235, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 235, 138) }
```

Border

The CSS property to change the border of an element to XYZ 34.5843, 61.4004, 34.0734 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(20, 235, 138) }
```


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

```
.border{ border-color:rgb(20, 235, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 235, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 235, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 235, 138);  
box-shadow:4px 4px 4px 4px rgb(20, 235,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5843, 61.4004, 34.0734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 235, 138) }
```

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

```
.background{ background-color: rgb(20, 235,  
138) }
```

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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