

Converting Colors

XYZ(34.3388, 61.9357, 24.1468)

Have a look what the booklet for
XYZ(34.3388, 61.9357, 24.1468)
contains.

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Color

**XYZ(34.3366, 61.9223,
24.0524)**

Conversions

Conversions Part 1

Format	Color
Hex	39EC6B
RGB	57, 236, 107
RGB Percent	22%, 93%, 42%
CMY	0.7765, 0.0745, 0.5804
CMYK	0.76, 0.00, 0.55, 0.07
HSL	137°, 82%, 57%
HSV	137°, 76%, 93%
XYZ	34.3366, 61.9223, 24.0524
YIQ	167.7730, -65.2750, -78.0670

Conversions

Conversions Part 2

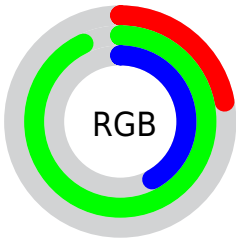
Format	Color
RYB	57, 197, 236
Decimal	3796075
CIELab	82.87, -70.07, 49.57
CIELCh	83, 85.830, 144.724
Yxy	61.9223, 0.2854, 0.5147
Android (android.graphics.Color)	4281986155 (0xFF39EC6B)
YUV	167.7730, -29.9611, -97.1479
Hunter-Lab	78.6907, -59.8205, 36.9611

Details

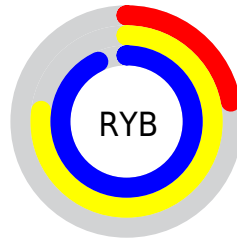
The XYZ color **34.3366, 61.9223, 24.0524** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark washed spring green. A complement of this color would be **44.9198, 24.3052, 48.7793**, and the grayscale version is **37.2746, 39.2158, 42.7060**.

A 20% lighter version of the original color is **51.3989, 78.8390, 46.2267**, and **16.7860, 32.5065, 8.8797** is the 20% darker color. If you saturate the color by 10%, you get **32.4821, 61.0614, 19.7460**, and if you desaturate by 10%, it is **36.9948, 63.1806, 29.3179**.

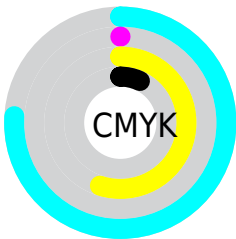
Distribution



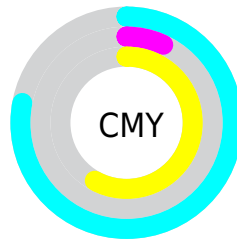
- Red (22%)
- Green (93%)
- Blue (42%)



- Red (22%)
- Yellow (77%)
- Blue (93%)



- Cyan (76%)
- Magenta (0%)
- Yellow (55%)
- Black (7%)



- Cyan (78%)
- Magenta (7%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3366, 61.9223, 24.0524 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 34.3366, 61.9223, 24.0524 by changing the saturation by 10% instead.

34.3366, 61.9223,
24.0524

34.3366, 61.9223,
24.0524

313.1899,
431.6476, 286.3804

23.3164, 44.9699,
15.1599

65.7976, 107.6132,
51.0606

14.9493, 31.4337,
8.7838

86.9691, 137.1206,
70.0134

8.8699, 20.9293,
4.5056

112.2551,
171.5817, 93.1568

4.7128, 13.0724,
1.9066

142.0210,
211.3809, 120.9092

2.1128, 7.4784,
0.4969

176.6320,
256.9028, 153.6892

0.6962, 3.7630,
0.0000

216.4536,

0.0000, 1.5419,

308.5316, 191.9154

0.0000

261.8511,
366.6517, 236.0063

■ 0.0000, 0.3180,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 34.3366, 61.9223,
24.0524

■ 34.3366, 61.9223,
24.0524

■ 32.4821, 61.0614,
19.7460

■ 36.9948, 63.1806,
29.3179


■ 31.3215, 60.5375,
16.3353


■ 40.5382, 64.8722,
35.5919


■ 30.9778, 60.3858,
15.1656


■ 45.0430, 67.0368,
42.9255


■ 50.5754, 69.7078,
51.3650

 57.1958, 72.9154,
60.9538

 64.9598, 76.6873,
71.7332

 73.9191, 81.0494,
83.7422

 84.1220, 86.0260,
97.0181

 89.2867, 88.4733,
106.9789

Harmonies

Analogous

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



45.2003, 61.9223, 10.7745



34.3366, 61.9223, 24.0524



30.0726, 61.9223, 58.4847

Triad

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



34.3366, 61.9223, 24.0524



55.6455, 61.9223, 228.1702



97.4245, 61.9223, 33.1688

Complementary

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



34.3366, 61.9223, 24.0524



44.9198, 24.3052, 48.7793

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.



101.8400, 61.9223, 77.2282



34.3366, 61.9223, 24.0524



75.0158, 61.9223, 208.6834

Square

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



34.3366, 61.9223, 24.0524



40.6149, 61.9223, 189.4188



92.9199, 61.9223, 144.9971



81.8729, 61.9223, 13.7743

Rectangle

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



34.3366, 61.9223, 24.0524



30.7273, 61.9223, 96.7599



92.9199, 61.9223, 144.9971



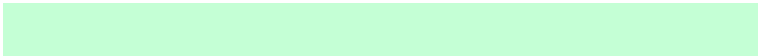
100.3812, 61.9223, 44.7102

Sweetspot

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



34.3381, 61.9248, 24.0538



70.5925, 88.0933, 76.0565



51.5409, 71.0145, 14.8617



14.4348, 18.5280, 15.3267



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.



34.3381, 61.9248, 24.0538



37.8642, 72.4023, 21.1621



41.4483, 64.7689, 61.4956



15.0412, 16.9313, 16.9001



17.1222, 33.3034, 8.6087



1.3842, 2.6310, 0.8853

Inverse Universe

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



44.9198, 24.3052, 48.7793



50.8593, 25.5964, 51.0782



38.2977, 21.6564, 13.9081



15.5249, 15.2378, 18.0495



23.1291, 11.4543, 22.2788



1.8568, 0.9157, 1.9630

Previews

White Background



This preview shows how the XYZ color 34.3366, 61.9223, 24.0524 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 34.3366, 61.9223, 24.0524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

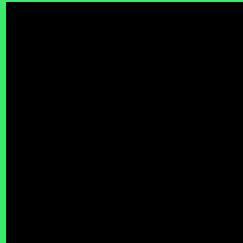
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.3366, 61.9223, 24.0524

Background



This preview shows how black text looks on a background with the XYZ color 34.3366, 61.9223, 24.0524.

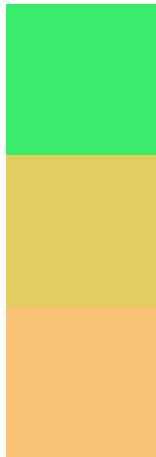


This preview shows how white text looks on a background with the XYZ color 34.3366, 61.9223,

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

34.3366, 61.9223, 24.0524

Protanopia

55.3530, 60.6945, 20.1070

Deuteranopia

61.8520, 60.4780, 25.5530



Tritanopia

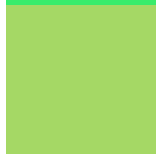
47.7933, 61.5980, 91.8087

Trichromacy



Original Color

34.3366, 61.9223, 24.0524



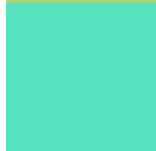
Protanomaly

42.4219, 58.0507, 21.2809



Deuteranomaly

44.6743, 56.8918, 24.5462



Tritanomaly

41.0080, 60.8186, 59.4470

Monochromacy



Original Color

34.3366, 61.9223, 24.0524



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

33.1604, 44.8044, 34.0945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3366, 61.9223, 24.0524 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(57, 236, 107)` looks like.

```
.text, #text, p{  
    color:rgb(57, 236, 107)  
}
```

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(57, 236, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 236, 107) }
```

Border

The CSS property to change the border of an element to XYZ 34.3366, 61.9223, 24.0524 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(57, 236, 107) }
```


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

```
.border{ border-color:rgb(57, 236, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 236, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 236, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 236, 107);  
box-shadow:4px 4px 4px 4px rgb(57, 236,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3366, 61.9223, 24.0524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 236, 107) }
```

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

```
.background{ background-color: rgb(57, 236,  
107) }
```

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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