

Converting Colors

XYZ(32.4260, 61.0395, 15.0756)

Have a look what the booklet for
XYZ(32.4260, 61.0395, 15.0756)
contains.

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Color

**XYZ(32.4709, 61.1568,
15.0941)**

Conversions

Conversions Part 1

Format	Color
Hex	36EC41
RGB	54, 236, 65
RGB Percent	21%, 93%, 25%
CMY	0.7882, 0.0745, 0.7451
CMYK	0.77, 0.00, 0.72, 0.07
HSL	124°, 83%, 57%
HSV	124°, 77%, 93%
XYZ	32.4709, 61.1568, 15.0941
YIQ	162.0880, -53.5810, -91.7650

Conversions

Conversions Part 2

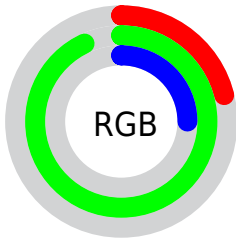
Format	Color
RYB	54, 226, 236
Decimal	3599425
CIELab	82.46, -74.88, 66.25
CIELCh	82, 99.980, 138.496
Yxy	61.1568, 0.2987, 0.5625
Android (android.graphics.Color)	4281789505 (0xFF36EC41)
YUV	162.0880, -47.8644, -94.7932
Hunter-Lab	78.2028, -62.7392, 43.2983

Details

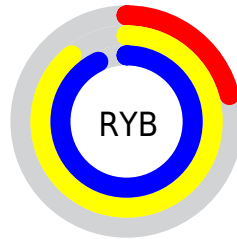
The XYZ color **32.4709, 61.1568, 15.0941** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **49.5031, 25.9082, 73.6248**, and the grayscale version is **34.6207, 36.4237, 39.6654**.

A 20% lighter version of the original color is **48.4788, 77.6710, 30.8493**, and **15.9204, 31.8408, 5.3068** is the 20% darker color. If you saturate the color by 10%, you get **30.9768, 60.4486, 12.3046**, and if you desaturate by 10%, it is **34.8336, 62.2873, 19.2421**.

Distribution



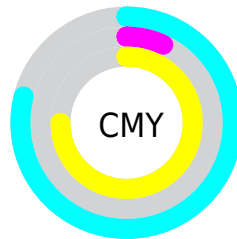
- Red (21%)
- Green (93%)
- Blue (25%)



- Red (21%)
- Yellow (89%)
- Blue (93%)



- Cyan (77%)
- Magenta (0%)
- Yellow (72%)
- Black (7%)



- Cyan (79%)
- Magenta (7%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4709, 61.1568, 15.0941 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 32.4709, 61.1568, 15.0941 by changing the saturation by 10% instead.

■ 32.4709, 61.1568,
15.0941

■ 32.4709, 61.1568,
15.0941

304.9661,
428.8487, 235.5954

■ 21.8787, 44.3517,
8.7381

■ 62.9088, 106.5059,
35.7628

■ 13.8839, 30.9471,
4.4763

■ 83.4853, 135.8188,
50.9126

■ 8.1211, 20.5586,
1.8901

■ 108.1205,
170.0697, 69.8307

■ 4.2250, 12.8017,
0.4864

■ 137.1799,
209.6430, 92.9357

■ 1.8302, 7.2922,
0.0000

■ 171.0288,
254.9232, 120.6462

■ 0.5358, 3.6455,
0.0000

210.0326,

■ 0.0000, 1.4773,

306.2946, 153.3806

0.0000

254.5565,
364.1416, 191.5575

■ 0.0000, 0.2727,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 32.4709, 61.1568,
15.0941

■ 32.4709, 61.1568,
15.0941

■ 30.9768, 60.4486,
12.3046

■ 34.8336, 62.2873,
19.2421


■ 30.2140, 60.0901,
10.6992


■ 38.1655, 63.8834,
24.8871

■ 30.0778, 60.0258,
10.4260

■ 42.5577, 65.9914,
32.1549


■ 48.0901, 68.6499,
41.1570

 54.8345, 71.8939,
51.9953

 62.8569, 75.7553,
64.7634

 72.2188, 80.2640,
79.5489

 82.9774, 85.4476,
96.4338

 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.



46.0453, 61.1568, 5.7299



32.4709, 61.1568, 15.0941



26.4502, 61.1568, 45.7732

Triad

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



32.4709, 61.1568, 15.0941



50.3135, 61.1568, 261.2088



106.4379, 61.1568, 35.8052

Complementary

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



32.4709, 61.1568, 15.0941



49.5031, 25.9082, 73.6248

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.



108.3904, 61.1568, 92.9177



32.4709, 61.1568, 15.0941



72.1580, 61.1568, 252.0810

Square

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



32.4709, 61.1568, 15.0941



34.9334, 61.1568, 199.2741



94.6400, 61.1568, 178.9397



89.8216, 61.1568, 11.6279

Rectangle

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



32.4709, 61.1568, 15.0941



26.2292, 61.1568, 85.5269



94.6400, 61.1568, 178.9397



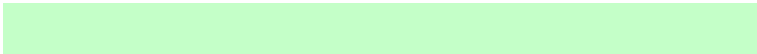
108.9587, 61.1568, 50.6765

Sweetspot

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



32.4723, 61.1593, 15.0955



69.0293, 87.4680, 67.8250



62.3108, 76.5750, 14.9864



14.0663, 18.3807, 13.3864



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.



32.4723, 61.1593, 15.0955



36.2700, 71.7525, 13.3181



37.3593, 63.1141, 40.8299



14.9053, 16.8769, 16.1839



16.5941, 33.0921, 5.8279



1.3161, 2.6037, 0.5262

Inverse Universe

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



49.5031, 25.9082, 73.6248



57.2803, 28.0183, 85.3418



40.3497, 22.2468, 25.4236



15.6732, 15.2971, 18.8303



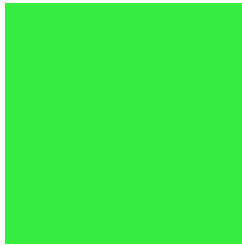
26.3331, 12.7359, 39.1512



2.0798, 1.0049, 3.1374

Previews

White Background



This preview shows how the XYZ color 32.4709, 61.1568, 15.0941 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 32.4709, 61.1568, 15.0941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

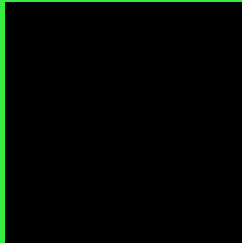
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4709, 61.1568, 15.0941

Background



This preview shows how black text looks on a background with the XYZ color 32.4709, 61.1568, 15.0941.



This preview shows how white text looks on a background with the XYZ color 32.4709, 61.1568,

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

32.4709, 61.1568, 15.0941

Protanopia

54.3263, 59.9751, 12.5839

Deuteranopia

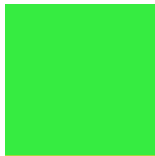
61.0632, 59.6167, 16.0734



Tritanopia

47.2102, 60.5476, 90.0875

Trichromacy



Original Color

32.4709, 61.1568, 15.0941



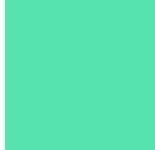
Protanomaly

40.8885, 57.4373, 13.2064



Deuteranomaly

43.1265, 55.9327, 15.1797



Tritanomaly

38.9587, 59.5626, 50.0008

Monochromacy



Original Color

32.4709, 61.1568, 15.0941



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

30.1967, 42.1385, 26.6207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4709, 61.1568, 15.0941 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(54, 236, 65)` looks like.

```
.text, #text, p{  
    color:rgb(54, 236, 65)  
}
```

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(54, 236, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 236, 65) }
```

Border

The CSS property to change the border of an element to XYZ 32.4709, 61.1568, 15.0941 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(54, 236, 65) }
```


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

```
.border{ border-color:rgb(54, 236, 65) }
```

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

Here you see how a box with a 4 pixel rgb(54, 236, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 236, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 236, 65);  
box-shadow:4px 4px 4px 4px rgb(54, 236,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4709, 61.1568, 15.0941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 236, 65) }
```

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

```
.background{ background-color: rgb(54, 236,  
65) }
```

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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