

Converting Colors

XYZ(32.4751, 60.7457, 14.4284)

Have a look what the booklet for
XYZ(32.4751, 60.7457, 14.4284)
contains.

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Color

**XYZ(32.4751, 60.7457,
14.4284)**

Conversions

Conversions Part 1

Format	Color
Hex	3DEB3D
RGB	61, 235, 61
RGB Percent	24%, 92%, 24%
CMY	0.7608, 0.0784, 0.7608
CMYK	0.74, 0.00, 0.74, 0.08
HSL	120°, 81%, 58%
HSV	120°, 74%, 92%
XYZ	32.4751, 60.7457, 14.4284
YIQ	163.1380, -47.8500, -91.0020

Conversions

Conversions Part 2

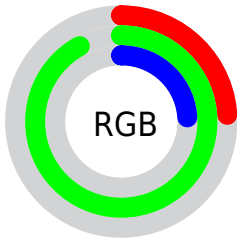
Format	Color
RYB	61, 235, 235
Decimal	4057917
CIELab	82.24, -73.91, 67.42
CIELCh	82, 100.038, 137.629
Yxy	60.7457, 0.3017, 0.5643
Android (android.graphics.Color)	4282247997 (0xFF3DEB3D)
YUV	163.1380, -50.3540, -89.5750
Hunter-Lab	77.9395, -62.0185, 43.5817

Details

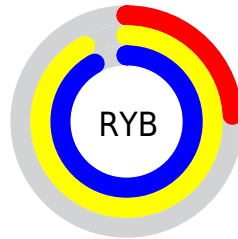
The XYZ color **32.4751, 60.7457, 14.4284** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **50.9261, 26.9984, 81.1224**, and the grayscale version is **35.1262, 36.9555, 40.2445**.

A 20% lighter version of the original color is **48.9213, 77.9202, 29.9145**, and **15.9204, 31.8408, 5.3068** is the 20% darker color. If you saturate the color by 10%, you get **30.8325, 59.9585, 11.7405**, and if you desaturate by 10%, it is **35.0308, 61.9752, 18.6080**.

Distribution



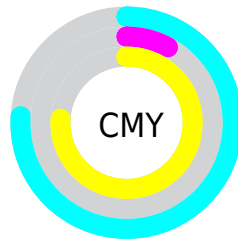
- Red (24%)
- Green (92%)
- Blue (24%)



- Red (24%)
- Yellow (92%)
- Blue (92%)



- Cyan (74%)
- Magenta (0%)
- Yellow (74%)
- Black (8%)





- Cyan (76%)
- Magenta (8%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4751, 60.7457, 14.4284 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 32.4751, 60.7457, 14.4284 by changing the saturation by 10% instead.


 32.4751, 60.7457,
14.4284


 32.4751, 60.7457,
14.4284


304.9848,
427.3410, 231.4002


 21.8819, 44.0200,
8.2771


 62.9153, 105.9106,
34.5753


 13.8863, 30.6862,
4.1824


 83.4931, 135.1186,
49.4079


 8.1228, 20.3600,
1.7260


 108.1299,
169.2562, 67.9713

 4.2261, 12.6570,
0.3784

 137.1909,
208.7077, 90.6842

 1.8308, 7.1928,
0.0000

 171.0415,
253.8575, 117.9650

 0.5361, 3.5830,
0.0000

210.0471,

 0.0000, 1.4431,

305.0901, 150.2322

0.0000

254.5731,
362.7898, 187.9044

■ 0.0000, 0.2482,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 32.4751, 60.7457,
14.4284

■ 32.4751, 60.7457,
14.4284

■ 30.8325, 59.9585,
11.7405

■ 35.0308, 61.9752,
18.6080


■ 29.9700, 59.5442,
10.3294


■ 38.6011, 63.6902,
24.4480

■ 29.7096, 59.4192,
9.9035


■ 43.2786, 65.9370,
32.0989

■ 49.1443, 68.7546,
41.6933

 56.2718, 72.1783,
53.3515

 64.7285, 76.2405,
67.1839

 74.5774, 80.9714,
83.2932

 85.8771, 86.3993,
101.7755

 88.9996, 87.8991,
106.8832

Harmonies

Analogous

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



46.2097, 60.7457, 5.5249



32.4751, 60.7457, 14.4284



26.2813, 60.7457, 44.0780

Triad

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



32.4751, 60.7457, 14.4284



49.4067, 60.7457, 259.3459



106.1739, 60.7457, 36.6197

Complementary

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



32.4751, 60.7457, 14.4284



50.9261, 26.9984, 81.1224

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.



107.6390, 60.7457, 94.5589



32.4751, 60.7457, 14.4284



71.0375, 60.7457, 252.4877

Square

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



32.4751, 60.7457, 14.4284



34.3177, 60.7457, 195.9947



93.5517, 60.7457, 180.7246



89.9371, 60.7457, 11.8450

Rectangle

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



32.4751, 60.7457, 14.4284



25.9350, 60.7457, 82.9521



93.5517, 60.7457, 180.7246



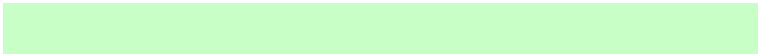
108.5319, 60.7457, 51.7713

Sweetspot

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



32.4765, 60.7482, 14.4298



69.5841, 87.7674, 67.2467



64.8142, 77.4190, 15.9422



14.3424, 18.5209, 13.4915



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.



32.4765, 60.7482, 14.4298



36.4506, 71.8517, 13.0499



36.9795, 62.5494, 38.1421



14.8684, 16.8622, 15.9899



16.5341, 33.0681, 5.5116



1.2983, 2.5966, 0.4328

Inverse Universe

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



50.9261, 26.9984, 81.1224



59.7050, 29.3123, 97.1111



41.2766, 23.1386, 30.3086



15.7149, 15.3138, 19.0497



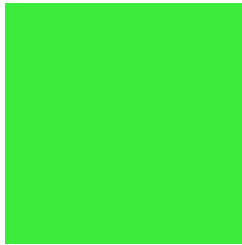
27.4127, 13.1678, 44.8359



2.1526, 1.0340, 3.5207

Previews

White Background



This preview shows how the XYZ color 32.4751, 60.7457, 14.4284 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 32.4751, 60.7457, 14.4284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

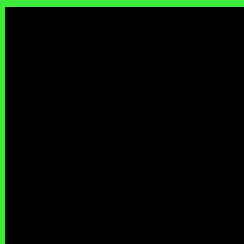
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.4751, 60.7457, 14.4284

Background



This preview shows how black text looks on a background with the XYZ color 32.4751, 60.7457, 14.4284.

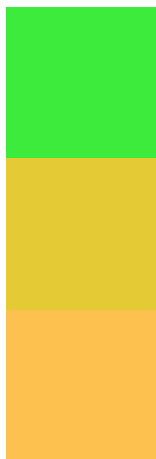


This preview shows how white text looks on a background with the XYZ color 32.4751, 60.7457,

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

32.4751, 60.7457, 14.4284

Protanopia

53.9934, 59.4629, 11.9999

Deuteranopia

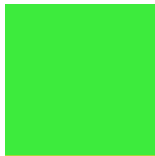
60.5900, 59.3854, 15.4768



Tritanopia

47.1731, 60.1570, 89.2459

Trichromacy



Original Color

32.4751, 60.7457, 14.4284



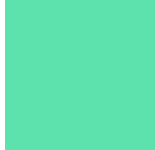
Protanomaly

40.9506, 57.1019, 12.6048



Deuteranomaly

43.2540, 55.6469, 14.5921



Tritanomaly

38.9822, 59.1947, 48.9063

Monochromacy



Original Color

32.4751, 60.7457, 14.4284



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

30.5677, 42.3372, 26.2995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4751, 60.7457, 14.4284 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(61, 235, 61)` looks like.

```
.text, #text, p{  
    color:rgb(61, 235, 61)  
}
```

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(61, 235, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 235, 61) }
```

Border

The CSS property to change the border of an element to XYZ 32.4751, 60.7457, 14.4284 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(61, 235, 61) }
```


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

```
.border{ border-color:rgb(61, 235, 61) }
```

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

Here you see how a box with a 4 pixel rgb(61, 235, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 235, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 235, 61);  
box-shadow:4px 4px 4px 4px rgb(61, 235,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4751, 60.7457, 14.4284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 235, 61) }
```

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

```
.background{ background-color: rgb(61, 235,  
61) }
```

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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