

Converting Colors

XYZ(36.5367, 60.4285, 47.2743)

Have a look what the booklet for
XYZ(36.5367, 60.4285, 47.2743)
contains.

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Color

**XYZ(36.5367, 60.4285,
47.2743)**

Conversions

Conversions Part 1

Format	Color
Hex	26E7A9
RGB	38, 231, 169
RGB Percent	15%, 91%, 66%
CMY	0.8509, 0.0941, 0.3372
CMYK	0.84, 0.00, 0.27, 0.09
HSL	161°, 80%, 53%
HSV	161°, 84%, 91%
XYZ	36.5367, 60.4285, 47.2743
YIQ	166.2250, -95.1260, -60.1980

Conversions

Conversions Part 2

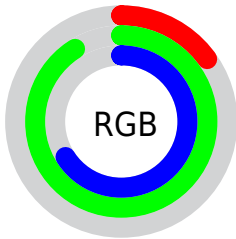
Format	Color
RYB	38, 153, 231
Decimal	2549673
CIELab	82.07, -59.17, 17.64
CIELCh	82, 61.740, 163.395
Yxy	60.4285, 0.2533, 0.4189
Android (android.graphics.Color)	4280739753 (0xFF26E7A9)
YUV	166.2250, 1.3681, -112.4533
Hunter-Lab	77.7358, -52.1406, 18.3584

Details

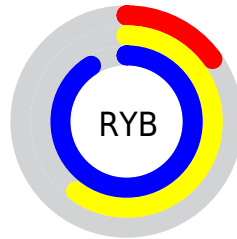
The XYZ color **36.5367, 60.4285, 47.2743** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **35.9505, 19.2968, 13.8895**, and the grayscale version is **36.3832, 38.2780, 41.6847**.

A 20% lighter version of the original color is **56.8223, 80.8238, 83.1267**, and **18.3469, 31.5565, 21.9536** is the 20% darker color. If you saturate the color by 10%, you get **35.2569, 59.8485, 43.6811**, and if you desaturate by 10%, it is **38.3867, 61.3010, 51.1034**.

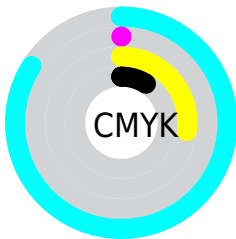
Distribution



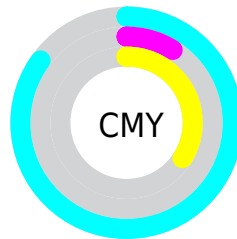
- Red (15%)
- Green (91%)
- Blue (66%)



- Red (15%)
- Yellow (60%)
- Blue (91%)



- Cyan (84%)
- Magenta (0%)
- Yellow (27%)
- Black (9%)




- Cyan (85%)
- Magenta (9%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5367, 60.4285, 47.2743 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 36.5367, 60.4285, 47.2743 by changing the saturation by 10% instead.


 36.5367, 60.4285,
47.2743


 36.5367, 60.4285,
47.2743


322.6908,
426.1754, 392.3338


 25.0210, 43.7641,
32.8967


 69.1781, 105.4510,
87.4772


 16.2215, 30.4851,
21.7768


 91.0346, 134.5779,
114.1395


 9.7729, 20.2071,
13.4963


 117.0686,
168.6278, 145.7338

 5.3097, 12.5457,
7.6364

 147.6457,
207.9850, 182.6786

 2.4667, 7.1164,
3.7788

 183.1311,
253.0340, 225.3925

 0.8785, 3.5350,
1.5048

223.8901,

 0.0000, 1.4170,

304.1591, 274.2939

0.2215

270.2883,
361.7448, 329.8015

■ 0.0000, 0.2292,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 36.5367, 60.4285,
47.2743

■ 36.5367, 60.4285,
47.2743

■ 35.2569, 59.8485,
43.6811


■ 38.3867, 61.3010,
51.1034


■ 34.6449, 59.5811,
41.4790


■ 40.8875, 62.5027,
55.1713


■ 44.1112, 64.0724,
59.4862


■ 48.1188, 66.0414,
64.0538

 52.9646, 68.4377,
68.8800

 58.6980, 71.2867,
73.9700

 65.3645, 74.6117,
79.3290

 73.0064, 78.4345,
84.9618

 81.6632, 82.7754,
90.8731

Harmonies

Analogous

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



41.8225, 60.4285, 26.0913



36.5367, 60.4285, 47.2743



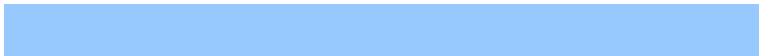
36.2675, 60.4285, 83.9459

Triad

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



36.5367, 60.4285, 47.2743



63.4652, 60.4285, 163.7631



77.7314, 60.4285, 27.6625

Complementary

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



36.5367, 60.4285, 47.2743



35.9505, 19.2968, 13.8895

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.



85.5602, 60.4285, 50.4717



36.5367, 60.4285, 47.2743



76.5184, 60.4285, 133.2918

Square

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



36.5367, 60.4285, 47.2743



50.5398, 60.4285, 161.8518



85.0852, 60.4285, 88.6167



64.9315, 60.4285, 18.0767

Rectangle

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



36.5367, 60.4285, 47.2743



38.8823, 60.4285, 113.9739



85.0852, 60.4285, 88.6167



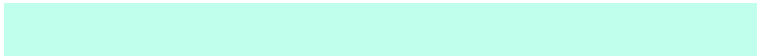
81.1128, 60.4285, 33.5645

Sweetspot

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



36.5383, 60.4309, 47.2757



72.2348, 88.5992, 91.5279



34.4453, 60.1387, 11.6271



14.9047, 18.6871, 19.1050



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.



36.5383, 60.4309, 47.2757



43.3104, 74.5401, 51.6796



35.6103, 46.9545, 82.7904



14.6001, 16.2535, 17.4250



19.4807, 33.4244, 23.5637



1.4815, 2.4867, 1.9622

Inverse Universe

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



35.9505, 19.2968, 13.8895



42.7600, 21.8680, 9.9344



35.5074, 21.5319, 4.1192



14.5669, 14.4439, 15.9195



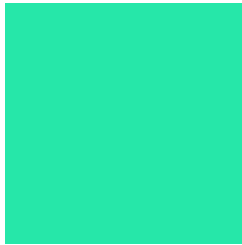
19.2222, 9.8231, 4.7992



1.4617, 0.7424, 0.5717

Previews

White Background



This preview shows how the XYZ color 36.5367, 60.4285, 47.2743 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 36.5367, 60.4285, 47.2743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

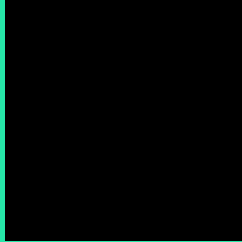
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

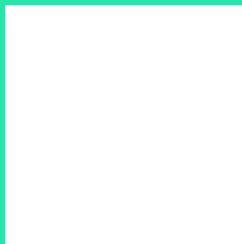
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5367, 60.4285, 47.2743

Background



This preview shows how black text looks on a background with the XYZ color 36.5367, 60.4285, 47.2743.



This preview shows how white text looks on a background with the XYZ color 36.5367, 60.4285,

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

36.5367, 60.4285, 47.2743

Protanopia

55.3558, 59.2065, 39.5208

Deuteranopia

60.4059, 59.1935, 49.8367



Tritanopia

45.4167, 60.3728, 91.6975

Trichromacy



Original Color

36.5367, 60.4285, 47.2743



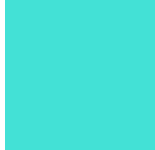
Protanomaly

42.9019, 56.7059, 41.9419



Deuteranomaly

44.8938, 55.7448, 48.4381



Tritanomaly

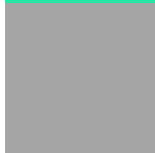
41.3776, 59.8988, 72.9991

Monochromacy



Original Color

36.5367, 60.4285, 47.2743



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

32.9963, 43.5389, 43.2240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5367, 60.4285, 47.2743 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(38, 231, 169)` looks like.

```
.text, #text, p{  
    color:rgb(38, 231, 169)  
}
```

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(38, 231, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 231, 169) }
```

Border

The CSS property to change the border of an element to XYZ 36.5367, 60.4285, 47.2743 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(38, 231, 169) }
```


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

```
.border{ border-color:rgb(38, 231, 169) }
```

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

Here you see how a box with a 4 pixel rgb(38, 231, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 231, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 231, 169);  
box-shadow:4px 4px 4px 4px rgb(38, 231,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5367, 60.4285, 47.2743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 231, 169) }
```

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

```
.background{ background-color: rgb(38, 231,  
169) }
```

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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