

Converting Colors

XYZ(60.6363, 84.0671, 25.6011)

Have a look what the booklet for
XYZ(60.6363, 84.0671, 25.6011)
contains.

XYZ(60.6639, 84.0814, 25.6024)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.6639, 84.0814,
25.6024)**

Conversions

Conversions Part 1

Format	Color
Hex	C3FF66
RGB	195, 255, 102
RGB Percent	76%, 100%, 40%
CMY	0.2353, 0.0000, 0.6000
CMYK	0.24, 0.00, 0.60, 0.00
HSL	84°, 100%, 70%
HSV	84°, 60%, 100%
XYZ	60.6639, 84.0814, 25.6024
YIQ	219.6180, 13.3530, -60.3030

Conversions

Conversions Part 2

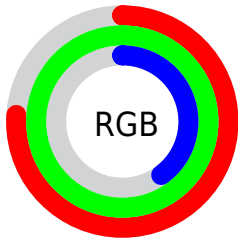
Format	Color
RYB	102, 255, 162
Decimal	12844902
CIELab	93.49, -41.43, 65.32
CIElCh	93, 77.353, 122.382
Yxy	84.0814, 0.3561, 0.4936
Android (android.graphics.Color)	4291034982 (0xFFC3FF66)
YUV	219.6180, -57.9857, -21.5900
Hunter-Lab	91.6959, -42.3764, 47.6328

Details

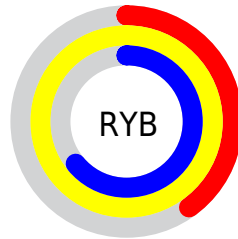
The XYZ color **60.6639, 84.0814, 25.6024** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **37.7032, 24.4056, 97.3313**, and the grayscale version is **68.1456, 71.6945, 78.0753**.

A 20% lighter version of the original color is **82.8046, 95.0595, 46.3318**, and **30.9652, 45.8884, 9.6082** is the 20% darker color. If you saturate the color by 10%, you get **57.0895, 82.3630, 19.8186**, and if you desaturate by 10%, it is **64.8006, 86.0446, 33.4445**.

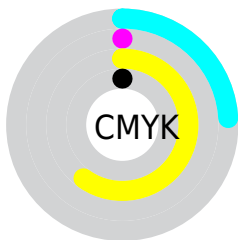
Distribution



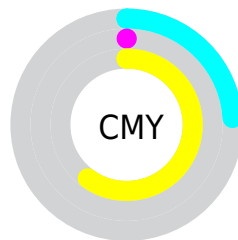
- Red (76%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (64%)



- Cyan (24%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6639, 84.0814, 25.6024 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 60.6639, 84.0814, 25.6024 by changing the saturation by 10% instead.


 60.6639, 84.0814,
25.6024

 60.6639, 84.0814,
25.6024


416.8362,
508.5835, 294.3679


 44.2055, 63.0826,
16.3033


 104.8930,
139.0890, 53.6090

 31.0307, 45.9081,
9.5824


 133.3944,
173.8667, 73.1536

 20.7742, 32.1733,
5.0210


 166.6409,
214.0061, 96.9505

 13.0705, 21.4939,
2.2006

 204.9977,
259.8917, 125.4182

 7.5545, 13.4855,
0.6747

248.8303,
311.9079, 158.9753

 3.8606, 7.7637,
0.0000

298.5040,

 1.6236, 3.9441,

370.4389, 198.0402

0.0000

354.3842,
435.8694, 243.0316

■ 0.4077, 1.6424,
0.0000

■ 0.0000, 0.3859,
0.0000

■ 60.6639, 84.0814,
25.6024

■ 60.6639, 84.0814,
25.6024

■ 57.0895, 82.3630,
19.8186

■ 64.8006, 86.0446,
33.4445

■ 54.0366, 80.8729,
15.8945


■ 69.5346, 88.2672,
43.5114


■ 51.4577, 79.5915,
13.5991

■ 74.8982, 90.7623,
55.9570

■ 49.2772, 78.4884,
12.5527

■ 80.9209, 93.5422,
70.9201

 49.2768, 78.4882,
12.5526

 87.6301, 96.6181,
88.5293

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



78.2946, 84.0814, 18.8576



60.6639, 84.0814, 25.6024



49.9089, 84.0814, 48.6603

Triad

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



60.6639, 84.0814, 25.6024



63.0486, 84.0814, 231.8630



125.9620, 84.0814, 86.9519

Complementary

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



60.6639, 84.0814, 25.6024



37.7032, 24.4056, 97.3313

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.



120.0390, 84.0814, 154.2624



60.6639, 84.0814, 25.6024



81.5613, 84.0814, 256.3218

Square

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



60.6639, 84.0814, 25.6024



51.1118, 84.0814, 166.0216



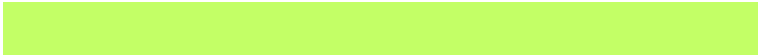
102.8649, 84.0814, 223.2800



117.9095, 84.0814, 43.5354

Rectangle

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



60.6639, 84.0814, 25.6024



46.9513, 84.0814, 77.4262



102.8649, 84.0814, 223.2800



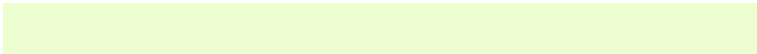
125.5388, 84.0814, 107.2955

Sweetspot

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



60.6641, 84.0814, 25.6036



82.2058, 94.1328, 74.2233



56.3228, 47.5880, 18.7884



17.1969, 19.9650, 14.8648



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.



60.6641, 84.0814, 25.6036



56.4380, 82.0470, 18.8908



45.8840, 76.4620, 24.9119



18.8313, 20.7144, 19.1501



25.9207, 41.1007, 6.5671



2.6466, 4.0651, 0.6452

Inverse Universe

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



37.7032, 24.4056, 97.3313



31.7263, 17.6532, 96.3430



57.7772, 34.7541, 98.2708



17.6768, 17.7251, 22.7396



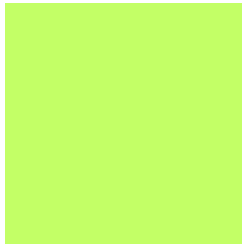
12.3334, 5.2686, 49.8015



1.3192, 0.5740, 4.8545

Previews

White Background



This preview shows how the XYZ color 60.6639, 84.0814, 25.6024 looks on a white background.

Color Contrast Check

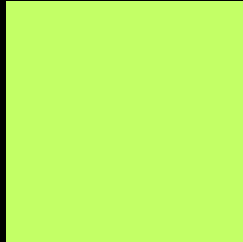
Large Text (above 18pt) WCAG AA × Fail

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 60.6639, 84.0814, 25.6024 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

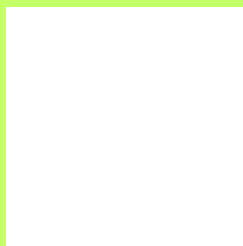
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.6639, 84.0814, 25.6024

Background



This preview shows how black text looks on a background with the XYZ color 60.6639, 84.0814, 25.6024.



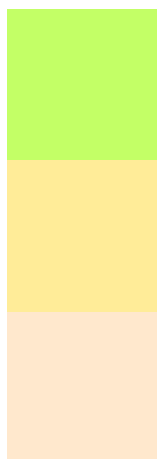
This preview shows how white text looks on a background with the XYZ color 60.6639, 84.0814,

25.6024.

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

60.6639, 84.0814, 25.6024

Protanopia

76.9029, 83.5179, 41.7731

Deuteranopia

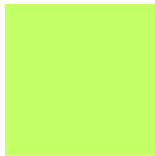
81.1161, 83.3810, 69.5765



Tritanopia

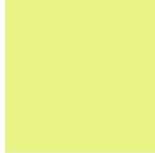
77.8299, 83.8584, 106.6920

Trichromacy



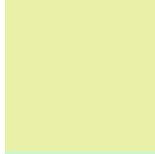
Original Color

60.6639, 84.0814, 25.6024



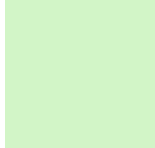
Protanomaly

69.9579, 83.1461, 34.9159



Deuteranomaly

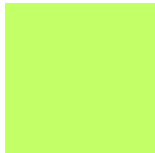
71.8322, 82.4710, 49.1783



Tritanomaly

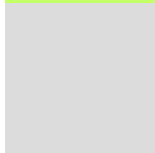
69.5396, 83.1300, 66.4134

Monochromacy



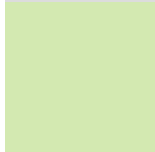
Original Color

60.6639, 84.0814, 25.6024



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

63.9387, 75.3010, 52.7596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6639, 84.0814, 25.6024 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(195, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(195, 255, 102)  
}
```

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(195, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 255, 102) }
```

Border

The CSS property to change the border of an element to XYZ 60.6639, 84.0814, 25.6024 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(195, 255, 102) }
```


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

```
.border{ border-color:rgb(195, 255, 102) }
```

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

Here you see how a box with a 4 pixel rgb(195, 255, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(195, 255,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6639, 84.0814, 25.6024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 255, 102) }
```

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

```
.background{ background-color: rgb(195,  
255, 102) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor