

Converting Colors

XYZ(65.5069, 86.3778, 13.5368)

Have a look what the booklet for
XYZ(65.5069, 86.3778, 13.5368)
contains.

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Color

**XYZ(65.6264, 86.4374,
13.5418)**

Conversions

Conversions Part 1

Format	Color
Hex	DEFE0B
RGB	222, 254, 11
RGB Percent	87%, 100%, 4%
CMY	0.1294, 0.0039, 0.9567
CMYK	0.13, 0.00, 0.96, 0.00
HSL	68°, 99%, 52%
HSV	68°, 96%, 100%
XYZ	65.6264, 86.4374, 13.5418
YIQ	216.7300, 58.9310, -82.3570

Conversions

Conversions Part 2

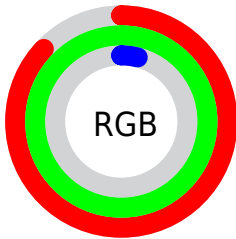
Format	Color
R _Y B	11, 254, 43
Decimal	14614027
CIE Lab	94.50, -34.36, 90.68
CIE LCh	94, 96.976, 110.753
Yxy	86.4374, 0.3963, 0.5219
Android (android.graphics.Color)	4292804107 (0xFFDEFE0B)
YUV	216.7300, -101.4249, 4.6218
Hunter-Lab	92.9717, -36.7018, 56.4443

Details

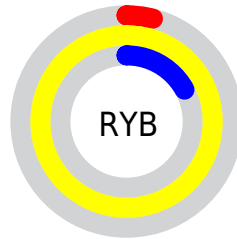
The XYZ color **65.6264, 86.4374, 13.5418** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light saturated yellow. A complement of this color would be **19.0086, 7.9109, 94.2964**, and the grayscale version is **66.4177, 69.8766, 76.0956**.

A 20% lighter version of the original color is **79.1577, 93.6431, 25.2121**, and **34.8665, 47.6139, 7.3527** is the 20% darker color. If you saturate the color by 10%, you get **65.1243, 86.1885, 13.2036**, and if you desaturate by 10%, it is **66.9281, 87.0808, 14.9851**.

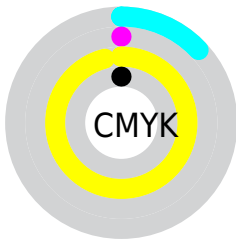
Distribution



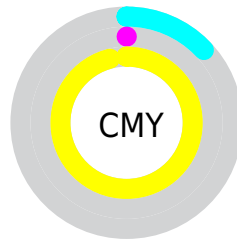
- Red (87%)
- Green (100%)
- Blue (4%)



- Red (4%)
- Yellow (100%)
- Blue (17%)



- Cyan (13%)
- Magenta (0%)
- Yellow (96%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6264, 86.4374, 13.5418 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 65.6264, 86.4374, 13.5418 by changing the saturation by 10% instead.


 65.6264, 86.4374,
13.5418


 65.6264, 86.4374,
13.5418


434.5493,
516.3724, 225.6898


 48.2358, 65.0297,
7.6676


 112.0107,
142.3797, 32.9791

 34.2257, 47.4852,
3.7983


 141.7350,
177.6831, 47.3793


 23.2307, 33.4194,
1.5153


 176.3013,
218.3873, 65.4586

 14.8856, 22.4479,
0.2293

 216.0748,
264.8765, 87.6354

 8.8249, 14.1864,
0.0000

 261.4211,
317.5352, 114.3285

 4.6834, 8.2504,
0.0000

 312.7053,

 2.0955, 4.2556,

376.7479, 145.9562

0.0000

370.2930,
442.8988, 182.9371

■ 0.6868, 1.8175,
0.0000

■ 0.0000, 0.4981,
0.0000

■ 65.6264, 86.4374,
13.5418

■ 65.6264, 86.4374,
13.5418

■ 65.1243, 86.1885,
13.2036

■ 66.9281, 87.0808,
14.9851

■ 68.5236, 87.8410,
17.8776

■ 70.4648, 88.7418,
22.4831

■ 72.7919, 89.7993,
29.0131

■ 75.5396, 91.0275,
37.6487

■ 78.7382, 92.4385,
48.5503

■ 82.4155, 94.0433,
61.8624

■ 86.5967, 95.8522,
77.7178

■ 91.3052, 97.8745,
96.2395

Harmonies

Analogous

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



90.4868, 86.4374, 11.5956



65.6264, 86.4374, 13.5418



49.0991, 86.4374, 29.3277

Triad

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



65.6264, 86.4374, 13.5418



54.3214, 86.4374, 255.0553



142.3074, 86.4374, 119.1505

Complementary

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



65.6264, 86.4374, 13.5418



19.0086, 7.9109, 94.2964

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.



127.4690, 86.4374, 217.4671



65.6264, 86.4374, 13.5418



74.3532, 86.4374, 319.1698

Square

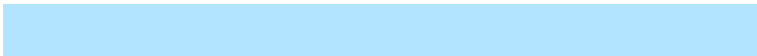
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.6264, 86.4374, 13.5418



43.5970, 86.4374, 154.7789



101.2517, 86.4374, 302.6310



138.5847, 86.4374, 51.8229

Rectangle

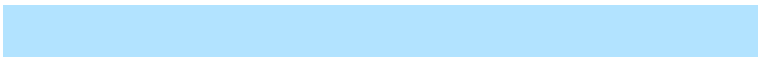
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.6264, 86.4374, 13.5418



43.3020, 86.4374, 54.2445



101.2517, 86.4374, 302.6310



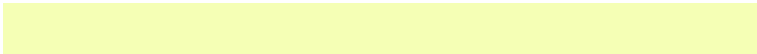
139.2249, 86.4374, 149.8855

Sweetspot

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



65.6284, 86.4413, 13.5436



81.8520, 94.3172, 57.6339



41.6742, 22.5726, 2.4782



17.1831, 20.0408, 11.1209



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.



65.6284, 86.4413, 13.5436



65.7031, 86.9563, 13.3213



41.2337, 73.8655, 12.4020



19.3120, 20.9623, 19.1726



34.4230, 45.4838, 6.9650



3.4142, 4.4609, 0.6811

Inverse Universe

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



19.0086, 7.9109, 94.2964



18.6963, 7.5532, 95.0802



32.6819, 14.9597, 94.9362



17.2254, 17.4924, 22.7184



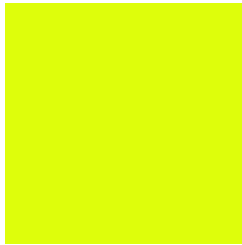
9.8372, 3.9818, 49.6847



1.0234, 0.4215, 4.8407

Previews

White Background



This preview shows how the XYZ color 65.6264, 86.4374, 13.5418 looks on a white background.

Color Contrast Check

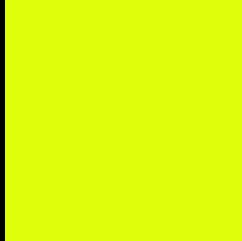
Large Text (above 18pt) WCAG AA × Fail

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 65.6264, 86.4374, 13.5418 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 65.6264, 86.4374, 13.5418

Background



This preview shows how black text looks on a background with the XYZ color 65.6264, 86.4374, 13.5418.

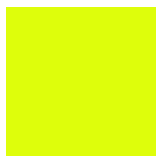


This preview shows how white text looks on a background with the XYZ color 65.6264, 86.4374,

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

65.6264, 86.4374, 13.5418



Protanopia

79.5529, 85.9716, 51.4310



Deuteranopia

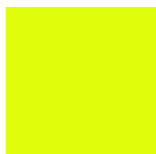
83.1191, 86.0044, 74.5070



Tritanopia

84.3211, 85.9117, 106.7462

Trichromacy



Original Color

65.6264, 86.4374, 13.5418



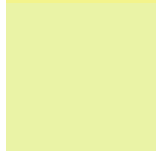
Protanomaly

72.2935, 84.9483, 28.2092



Deuteranomaly

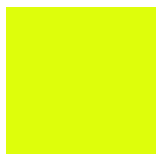
73.6729, 85.0200, 36.9536



Tritanomaly

72.8652, 84.3468, 48.5165

Monochromacy



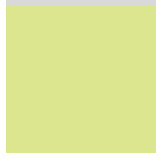
Original Color

65.6264, 86.4374, 13.5418



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

62.3927, 73.6067, 36.5103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6264, 86.4374, 13.5418 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(222, 254, 11)` looks like.

```
.text, #text, p{  
    color:rgb(222, 254, 11)  
}
```

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(222, 254, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 254, 11) }
```

Border

The CSS property to change the border of an element to XYZ 65.6264, 86.4374, 13.5418 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(222, 254, 11) }
```


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

```
.border{ border-color:rgb(222, 254, 11) }
```

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

Here you see how a box with a 4 pixel rgb(222, 254, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 254, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 254, 11);  
box-shadow:4px 4px 4px 4px rgb(222, 254,  
11) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6264, 86.4374, 13.5418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 254, 11) }
```

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

```
.background{ background-color: rgb(222,  
254, 11) }
```

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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