

Converting Colors

XYZ(65.4814, 79.6357, 29.0595)

Have a look what the booklet for
XYZ(65.4814, 79.6357, 29.0595)
contains.

XYZ(65.4814, 79.6357, 29.0595)	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(65.4814, 79.6357,
29.0595)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F076
RGB	225, 240, 118
RGB Percent	88%, 94%, 46%
CMY	0.1176, 0.0588, 0.5372
CMYK	0.06, 0.00, 0.51, 0.06
HSL	67°, 80%, 70%
HSV	67°, 51%, 94%
XYZ	65.4814, 79.6357, 29.0595
YIQ	221.6070, 30.2220, -41.1220

Conversions

Conversions Part 2

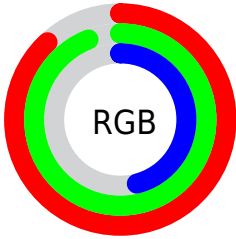
Format	Color
R_{YB}	118, 240, 133
Decimal	14807158
CIE _{Lab}	91.52, -21.85, 56.61
CIE _{LCh}	92, 60.685, 111.106
Yxy	79.6357, 0.3759, 0.4572
Android (android.graphics.Color)	4292997238 (0xFFE1F076)
YUV	221.6070, -51.0783, 2.9757
Hunter-Lab	89.2388, -25.1888, 43.1601

Details

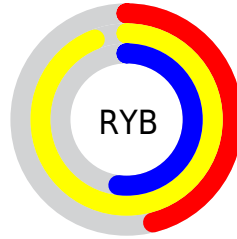
The XYZ color **65.4814, 79.6357, 29.0595** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **31.8823, 24.2366, 85.4405**, and the grayscale version is **69.4895, 73.1084, 79.6150**.

A 20% lighter version of the original color is **84.5428, 95.7971, 53.5700**, and **34.0023, 42.8666, 11.3325** is the 20% darker color. If you saturate the color by 10%, you get **63.3211, 78.6690, 22.4376**, and if you desaturate by 10%, it is **68.0242, 80.7629, 37.5963**.

Distribution



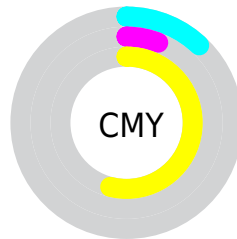
- Red (88%)
- Green (94%)
- Blue (46%)



- Red (46%)
- Yellow (94%)
- Blue (52%)



- Cyan (6%)
- Magenta (0%)
- Yellow (51%)
- Black (6%)




- Cyan (12%)
- Magenta (6%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4814, 79.6357, 29.0595 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 65.4814, 79.6357, 29.0595 by changing the saturation by 10% instead.


 65.4814, 79.6357,
29.0595

 65.4814, 79.6357,
29.0595


434.0378,
493.7043, 311.5653


 48.1177, 59.4186,
18.8799


 111.8035,
132.8534, 59.2149

 34.1317, 42.9502,
11.4076


 141.4927,
166.6229, 80.0278

 23.1582, 29.8460,
6.2241


 176.0210,
205.6785, 105.2222

 14.8317, 19.7218,
2.9108

215.7539,
250.4048, 135.2166

 8.7869, 12.1930,
1.0493

261.0566,
301.1862, 170.4295

 4.6584, 6.8752,
0.0000

312.2946,

 2.0810, 3.3842,

358.4069, 211.2796

0.0000

369.8332,
422.4515, 258.1854

■ 0.6788, 1.3354,
0.0000

■ 0.0000, 0.1684,
0.0000

■ 65.4814, 79.6357,
29.0595

■ 65.4814, 79.6357,
29.0595

■ 63.3211, 78.6690,
22.4376

■ 68.0242, 80.7629,
37.5963

■ 61.5096, 77.8408,
17.5776


■ 70.9692, 82.0500,
48.1753


■ 60.0163, 77.1418,
14.3116


■ 74.3411, 83.5097,
60.9189


■ 58.8028, 76.5564,
12.4367


■ 78.1612, 85.1506,
75.9383


 57.8786, 76.0967,
11.6376

 82.4492, 86.9805,
93.3372

 86.0748, 88.5472,
107.1624

 87.1002, 89.0759,
107.2104

 88.1422, 89.6130,
107.2592

 89.2006, 90.1587,
107.3087

Harmonies

Analogous

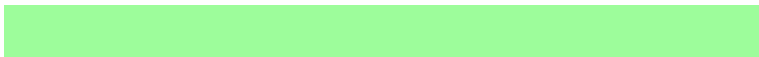
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.3819, 79.6357, 26.8555



65.4814, 79.6357, 29.0595



54.8280, 79.6357, 43.4798

Triad

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



65.4814, 79.6357, 29.0595



58.5152, 79.6357, 171.3058



109.0312, 79.6357, 100.5524

Complementary

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



65.4814, 79.6357, 29.0595



31.8823, 24.2366, 85.4405

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.



101.2716, 79.6357, 151.9183



65.4814, 79.6357, 29.0595



71.1869, 79.6357, 200.9819

Square

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



65.4814, 79.6357, 29.0595



51.2032, 79.6357, 121.1300



86.9110, 79.6357, 192.8813



106.9564, 79.6357, 59.5187

Rectangle

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



65.4814, 79.6357, 29.0595



50.9013, 79.6357, 61.9552



86.9110, 79.6357, 192.8813



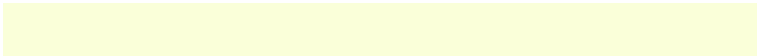
107.4515, 79.6357, 117.3101

Sweetspot

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



65.4833, 79.6393, 29.0612



87.7821, 96.8953, 79.5513



47.4909, 36.4013, 21.6637



18.5912, 20.6546, 16.2505



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.



65.4833, 79.6393, 29.0612



72.5817, 90.2396, 25.5100



49.9015, 71.6066, 28.3320



16.9204, 18.3546, 16.8007



31.7589, 41.6939, 6.3739



2.6953, 3.4960, 0.5327

Inverse Universe

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



31.8823, 24.2366, 85.4405



30.1052, 20.1217, 96.9049



44.2610, 30.6181, 86.0199



15.0779, 15.3219, 19.8843



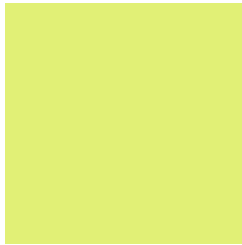
8.9537, 3.6212, 45.3549



0.8026, 0.3310, 3.7758

Previews

White Background



This preview shows how the XYZ color 65.4814, 79.6357, 29.0595 looks on a white background.

Color Contrast Check

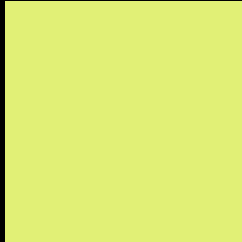
Large Text (above 18pt) WCAG AA × Fail

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 65.4814, 79.6357, 29.0595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

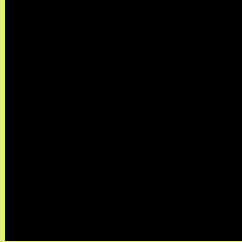
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4814, 79.6357, 29.0595

Background



This preview shows how black text looks on a background with the XYZ color 65.4814, 79.6357, 29.0595.



This preview shows how white text looks on a background with the XYZ color 65.4814, 79.6357,

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

65.4814, 79.6357, 29.0595

Protanopia

72.9104, 79.6496, 27.7508

Deuteranopia

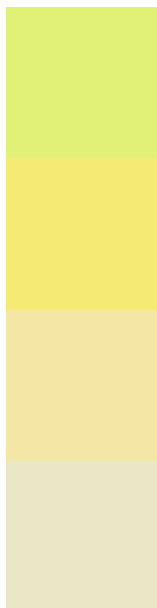
77.9508, 79.4585, 61.0977



Tritanopia

79.1221, 79.2751, 96.7194

Trichromacy



Original Color

65.4814, 79.6357, 29.0595

Protanomaly

69.8834, 79.3397, 28.1538

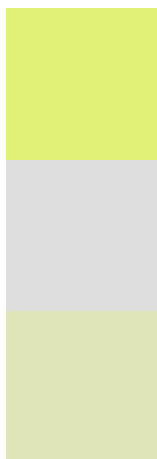
Deuteranomaly

72.6757, 79.1015, 47.0350

Tritanomaly

72.7006, 78.7215, 64.7891

Monochromacy



Original Color

65.4814, 79.6357, 29.0595

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

67.1025, 75.1873, 56.3233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4814, 79.6357, 29.0595 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(225, 240, 118)` looks like.

```
.text, #text, p{  
    color:rgb(225, 240, 118)  
}
```

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(225, 240, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 240, 118) }
```

Border

The CSS property to change the border of an element to XYZ 65.4814, 79.6357, 29.0595 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(225, 240, 118) }
```


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

```
.border{ border-color:rgb(225, 240, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 240, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 240, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 240, 118);  
box-shadow:4px 4px 4px 4px rgb(225, 240,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4814, 79.6357, 29.0595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 240, 118) }
```

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

```
.background{ background-color: rgb(225,  
240, 118) }
```

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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