

Converting Colors

XYZ(63.4414, 79.5176, 17.3414)

Have a look what the booklet for
XYZ(63.4414, 79.5176, 17.3414)
contains.

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Color

**XYZ(63.5057, 79.7568,
17.3577)**

Conversions

Conversions Part 1

Format	Color
Hex	E0F243
RGB	224, 242, 67
RGB Percent	88%, 95%, 26%
CMY	0.1216, 0.0510, 0.7372
CMYK	0.07, 0.00, 0.72, 0.05
HSL	66°, 87%, 61%
HSV	66°, 72%, 95%
XYZ	63.5057, 79.7568, 17.3577
YIQ	216.6680, 45.4470, -58.2410

Conversions

Conversions Part 2

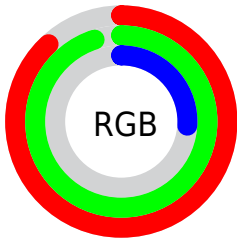
Format	Color
RYB	67, 242, 85
Decimal	14742083
CIELab	91.58, -26.57, 77.03
CIELCh	92, 81.486, 109.033
Yxy	79.7568, 0.3954, 0.4966
Android (android.graphics.Color)	4292932163 (0xFFE0F243)
YUV	216.6680, -73.7863, 6.4302
Hunter-Lab	89.3067, -29.3558, 50.9910

Details

The XYZ color **63.5057, 79.7568, 17.3577** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **21.7831, 12.3582, 85.2466**, and the grayscale version is **66.1954, 69.6428, 75.8410**.

A 20% lighter version of the original color is **80.7659, 94.2864, 33.6809**, and **33.0760, 43.1171, 6.5792** is the 20% darker color. If you saturate the color by 10%, you get **62.1605, 79.1331, 14.2649**, and if you desaturate by 10%, it is **65.1690, 80.5149, 22.0506**.

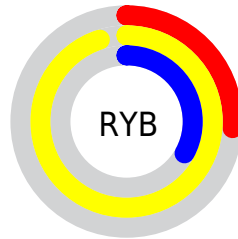
Distribution



Red (88%)

Green (95%)

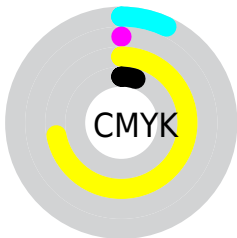
Blue (26%)



Red (26%)

Yellow (95%)

Blue (33%)

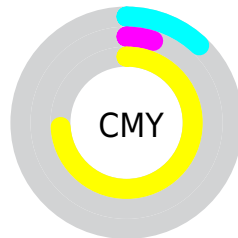


Cyan (7%)

Magenta (0%)

Yellow (72%)

Black (5%)



Cyan (12%)

Magenta (5%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5057, 79.7568, 17.3577 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 63.5057, 79.7568, 17.3577 by changing the saturation by 10% instead.

63.5057, 79.7568,
17.3577

63.5057, 79.7568,
17.3577

427.0330,
494.1129, 249.3387

46.5106, 59.5182,
10.3252

108.9765,
133.0238, 39.7388

32.8553, 43.0304,
5.5067

138.1829,
166.8209, 55.9245

22.1743, 29.9090,
2.4836

172.1904,
205.9065, 75.9984

14.1024, 19.7695,
0.8315

211.3645,
250.6647, 100.3789

8.2741, 12.2276,
0.0000

256.0705,
301.4801, 129.4846

4.3241, 6.8989,
0.0000

306.6736,

1.8871, 3.3990,

358.7370, 163.7342

0.0000

363.5393,
422.8198, 203.5460

■ 0.5693, 1.3434,
0.0000

■ 0.0000, 0.1744,
0.0000

■ 63.5057, 79.7568,
17.3577

■ 63.5057, 79.7568,
17.3577

■ 62.1605, 79.1331,
14.2649

■ 65.1690, 80.5149,
22.0506

■ 61.0873, 78.6166,
12.5535

■ 67.1786, 81.4098,
28.5160

■ 60.4003, 78.2757,
11.9253

■ 69.5656, 82.4571,
36.9092

■ 72.3561, 83.6671,
47.3675

75.5739, 85.0492,
60.0155

79.2407, 86.6124,
74.9681

83.3769, 88.3646,
92.3320

87.0847, 89.9469,
107.3794

87.9543, 90.3952,
107.4201

Harmonies

Analogous

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



83.6663, 79.7568, 15.9717



63.5057, 79.7568, 17.3577



49.4563, 79.7568, 31.3402

Triad

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



63.5057, 79.7568, 17.3577



52.5073, 79.7568, 205.1087



122.2002, 79.7568, 110.4862

Complementary

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



63.5057, 79.7568, 17.3577



21.7831, 12.3582, 85.2466

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.



110.1654, 79.7568, 185.5719



63.5057, 79.7568, 17.3577



68.4549, 79.7568, 254.6422

Square

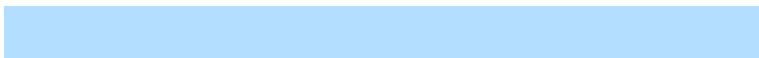
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.5057, 79.7568, 17.3577



43.9549, 79.7568, 129.7718



89.6011, 79.7568, 246.1998



120.2106, 79.7568, 54.6074

Rectangle

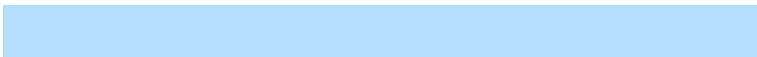
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.5057, 79.7568, 17.3577



44.2763, 79.7568, 51.9869



89.6011, 79.7568, 246.1998



119.5846, 79.7568, 134.5731

Sweetspot

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



63.5075, 79.7605, 17.3594



85.2053, 95.8204, 67.9764



40.8432, 25.7033, 8.1198



18.0153, 20.4144, 13.6631



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.



63.5075, 79.7605, 17.3594



69.3713, 88.8153, 14.9367



43.0849, 69.2322, 16.4036



16.9533, 18.3716, 16.8023



32.5139, 42.0831, 6.4092



2.7506, 3.5245, 0.5353

Inverse Universe

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



21.7831, 12.3582, 85.2466



20.2277, 9.1562, 95.3089



35.0502, 19.1977, 85.8675



15.0482, 15.3065, 19.8829



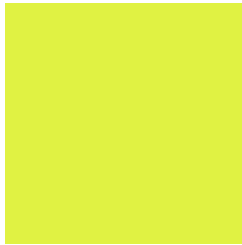
8.8763, 3.5813, 45.3513



0.7885, 0.3238, 3.7751

Previews

White Background



This preview shows how the XYZ color 63.5057, 79.7568, 17.3577 looks on a white background.

Color Contrast Check

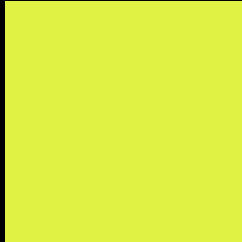
Large Text (above 18pt) WCAG AA × Fail

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 63.5057, 79.7568, 17.3577 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 63.5057, 79.7568, 17.3577

Background



This preview shows how black text looks on a background with the XYZ color 63.5057, 79.7568, 17.3577.



This preview shows how white text looks on a background with the XYZ color 63.5057, 79.7568,

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

63.5057, 79.7568, 17.3577

Protanopia

72.4698, 79.4734, 25.4302

Deuteranopia

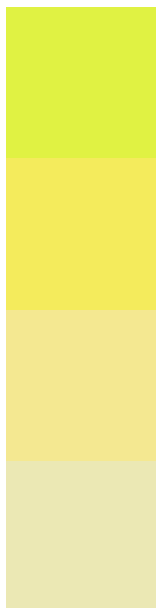
77.6217, 79.3268, 59.3646



Tritanopia

79.8011, 79.6251, 96.7512

Trichromacy



Original Color

63.5057, 79.7568, 17.3577

Protanomaly

68.9483, 79.4225, 21.8213

Deuteranomaly

71.2757, 78.9907, 38.2782

Tritanomaly

71.3558, 78.6707, 54.6041

Monochromacy



Original Color

63.5057, 79.7568, 17.3577

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

63.2331, 72.2170, 44.7889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5057, 79.7568, 17.3577 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(224, 242, 67)` looks like.

```
.text, #text, p{  
    color:rgb(224, 242, 67)  
}
```

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(224, 242, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 242, 67) }
```

Border

The CSS property to change the border of an element to XYZ 63.5057, 79.7568, 17.3577 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(224, 242, 67) }
```


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

```
.border{ border-color:rgb(224, 242, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 242, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 242, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 242, 67);  
box-shadow:4px 4px 4px 4px rgb(224, 242,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5057, 79.7568, 17.3577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 242, 67) }
```

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

```
.background{ background-color: rgb(224,  
242, 67) }
```

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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