

Converting Colors

XYZ(65.2821, 79.4570, 12.7066)

Have a look what the booklet for
XYZ(65.2821, 79.4570, 12.7066)
contains.

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Color

**XYZ(65.2821, 79.4570,
12.7066)**

Conversions

Conversions Part 1

Format	Color
Hex	EBEF17
RGB	235, 239, 23
RGB Percent	92%, 94%, 9%
CMY	0.0784, 0.0627, 0.9097
CMYK	0.02, 0.00, 0.90, 0.06
HSL	61°, 87%, 51%
HSV	61°, 90%, 94%
XYZ	65.2821, 79.4570, 12.7066
YIQ	213.1800, 66.9520, -68.0240

Conversions

Conversions Part 2

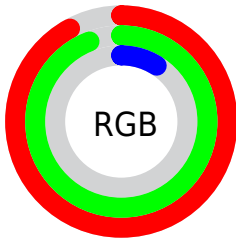
Format	Color
R _Y B	23, 239, 27
Decimal	15462167
CIE Lab	91.44, -21.95, 87.51
CIE LCh	91, 90.219, 104.084
Yxy	79.4570, 0.4146, 0.5047
Android (android.graphics.Color)	4293652247 (0xFFEBEF17)
YUV	213.1800, -93.7587, 19.1361
Hunter-Lab	89.1387, -25.2654, 53.9453

Details

The XYZ color **65.2821, 79.4570, 12.7066** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **16.3404, 7.0793, 82.1715**, and the grayscale version is **63.9464, 67.2766, 73.2642**.

A 20% lighter version of the original color is **79.2521, 93.6809, 25.7096**, and **34.6127, 42.9809, 6.4719** is the 20% darker color. If you saturate the color by 10%, you get **64.9882, 79.3262, 11.8862**, and if you desaturate by 10%, it is **65.7871, 79.6789, 14.5930**.

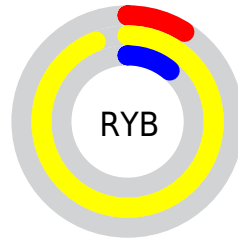
Distribution



Red (92%)

Green (94%)

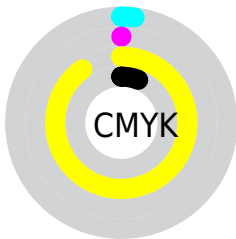
Blue (9%)



Red (9%)

Yellow (94%)

Blue (11%)

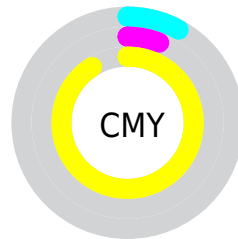


Cyan (2%)

Magenta (0%)

Yellow (90%)

Black (6%)



Cyan (8%)

Magenta (6%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2821, 79.4570, 12.7066 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 65.2821, 79.4570, 12.7066 by changing the saturation by 10% instead.

65.2821, 79.4570,
12.7066

65.2821, 79.4570,
12.7066

433.3342,
493.1010, 220.1700

47.9554, 59.2716,
7.0985

111.5188,
132.6020, 31.4591

34.0027, 42.8318,
3.4444

141.1595,
166.3305, 45.4405

23.0586, 29.7532,
1.3258

175.6356,
205.3421, 63.0502

14.7577, 19.6513,
0.0828

215.3124,
250.0212, 84.7065

8.7347, 12.1418,
0.0000

260.5553,
300.7523, 110.8281

4.6243, 6.8404,
0.0000

311.7297,

2.0610, 3.3625,

357.9197, 141.8336

0.0000

369.2009,
421.9078, 178.1414

■ 0.6679, 1.3238,
0.0000

■ 0.0000, 0.1595,
0.0000

■ 65.2821, 79.4570,
12.7066

■ 65.2821, 79.4570,
12.7066

■ 64.9882, 79.3262,
11.8862

■ 65.7871, 79.6789,
14.5930

■ 66.5542, 80.0027,
17.8653

■ 67.6228, 80.4472,
22.7238

■ 69.0247, 81.0250,
29.3352

70.7875, 81.7472,
37.8451

72.9359, 82.6237,
48.3839

75.4926, 83.6636,
61.0705

78.4783, 84.8751,
76.0147

81.9125, 86.2661,
93.3187

Harmonies

Analogous

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



88.2835, 79.4570, 13.0001



65.2821, 79.4570, 12.7066



48.7883, 79.4570, 23.7762

Triad

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



65.2821, 79.4570, 12.7066



48.0463, 79.4570, 207.6208



126.4155, 79.4570, 126.0155

Complementary

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



65.2821, 79.4570, 12.7066



16.3404, 7.0793, 82.1715

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.



110.5783, 79.4570, 212.7864



65.2821, 79.4570, 12.7066



64.0528, 79.4570, 273.8986

Square

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



65.2821, 79.4570, 12.7066



40.2906, 79.4570, 121.0647



86.7792, 79.4570, 276.1605



126.9312, 79.4570, 59.2566

Rectangle

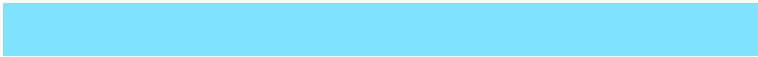
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.2821, 79.4570, 12.7066



42.3724, 79.4570, 42.1939



86.7792, 79.4570, 276.1605



122.5827, 79.4570, 154.3560

Sweetspot

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



65.2839, 79.4607, 12.7082



85.4105, 96.0901, 60.5837



36.1368, 19.1803, 2.6091



18.0763, 20.4838, 11.9537



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.



65.2839, 79.4607, 12.7082



75.2808, 91.8937, 13.7695



39.8372, 66.3425, 11.5173



17.0922, 18.4432, 16.8088



35.9250, 43.8416, 6.5688



2.9978, 3.6519, 0.5469

Inverse Universe

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



16.3404, 7.0793, 82.1715



18.1092, 7.2505, 95.0528



25.8171, 11.9647, 82.6150



14.9244, 15.2427, 19.8771



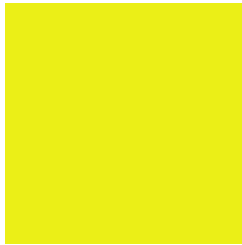
8.6525, 3.4659, 45.3408



0.7293, 0.2932, 3.7724

Previews

White Background



This preview shows how the XYZ color 65.2821, 79.4570, 12.7066 looks on a white background.

Color Contrast Check

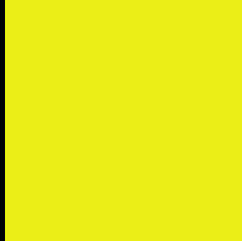
Large Text (above 18pt) WCAG AA × Fail

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 65.2821, 79.4570, 12.7066 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 65.2821, 79.4570, 12.7066

Background



This preview shows how black text looks on a background with the XYZ color 65.2821, 79.4570, 12.7066.



This preview shows how white text looks on a background with the XYZ color 65.2821, 79.4570,

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

65.2821, 79.4570, 12.7066

Protanopia

72.2641, 79.3911, 24.3473

Deuteranopia

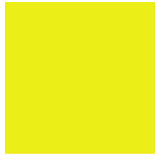
77.4060, 79.2406, 58.2289



Tritanopia

81.6331, 79.0431, 93.3924

Trichromacy



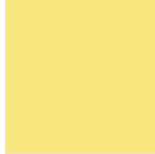
Original Color

65.2821, 79.4570, 12.7066



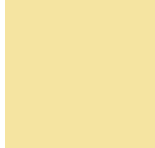
Protanomaly

69.3702, 79.2965, 18.1281



Deuteranomaly

71.1181, 78.6406, 31.5095



Tritanomaly

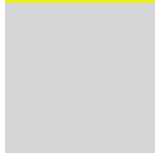
71.8326, 77.4725, 44.8859

Monochromacy



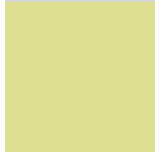
Original Color

65.2821, 79.4570, 12.7066



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

60.9741, 69.6283, 36.6115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2821, 79.4570, 12.7066 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(235, 239, 23)` looks like.

```
.text, #text, p{  
    color:rgb(235, 239, 23)  
}
```

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(235, 239, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 239, 23) }
```

Border

The CSS property to change the border of an element to XYZ 65.2821, 79.4570, 12.7066 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(235, 239, 23) }
```


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

```
.border{ border-color:rgb(235, 239, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 239, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 239, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 239, 23);  
box-shadow:4px 4px 4px 4px rgb(235, 239,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2821, 79.4570, 12.7066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 239, 23) }
```

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

```
.background{ background-color: rgb(235,  
239, 23) }
```

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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