

Converting Colors

XYZ(65.0563, 78.3646, 11.9628)

Have a look what the booklet for
XYZ(65.0563, 78.3646, 11.9628)
contains.

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Color

**XYZ(65.2585, 78.5926,
11.9888)**

Conversions

Conversions Part 1

Format	Color
Hex	EDED09
RGB	237, 237, 9
RGB Percent	93%, 93%, 4%
CMY	0.0706, 0.0706, 0.9646
CMYK	0.00, 0.00, 0.96, 0.07
HSL	60°, 93%, 48%
HSV	60°, 96%, 93%
XYZ	65.2585, 78.5926, 11.9888
YIQ	211.0080, 73.1880, -70.9080

Conversions

Conversions Part 2

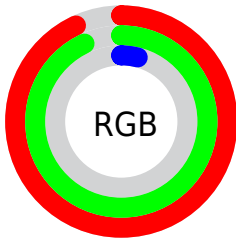
Format	Color
R _Y B	9, 237, 9
Decimal	15592713
CIE Lab	91.05, -20.32, 88.71
CIE LCh	91, 91.007, 102.903
Yxy	78.5926, 0.4188, 0.5043
Android (android.graphics.Color)	4293782793 (0xFFEDED09)
YUV	211.0080, -99.5899, 22.7950
Hunter-Lab	88.6525, -23.7451, 54.0387

Details

The XYZ color **65.2585, 78.5926, 11.9888** 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 **15.4982, 6.3692, 80.5383**, and the grayscale version is **62.5301, 65.7866, 71.6416**.

A 20% lighter version of the original color is **79.0204, 93.5882, 24.4892**, and **34.4284, 42.2779, 6.3459** is the 20% darker color. If you saturate the color by 10%, you get **65.2107, 78.5764, 11.7298**, and if you desaturate by 10%, it is **65.4818, 78.6849, 13.1558**.

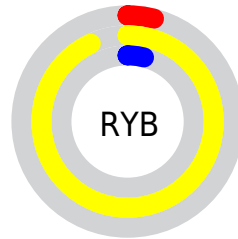
Distribution



Red (93%)

Green (93%)

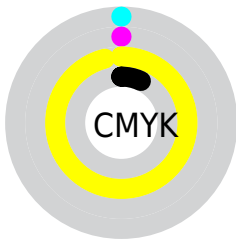
Blue (4%)



Red (4%)

Yellow (93%)

Blue (4%)

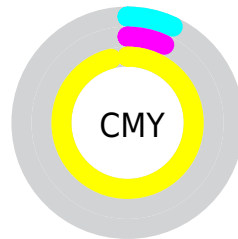


Cyan (0%)

Magenta (0%)

Yellow (96%)

Black (7%)



Cyan (7%)

Magenta (7%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2585, 78.5926, 11.9888 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 65.2585, 78.5926, 11.9888 by changing the saturation by 10% instead.

65.2585, 78.5926,
11.9888

65.2585, 78.5926,
11.9888

433.2509,
490.1770, 215.3064

47.9362, 58.5609,
6.6136

111.4851,
131.3852, 30.1388

33.9874, 42.2598,
3.1469

141.1200,
164.9148, 43.7507

23.0468, 29.3047,
1.1701

175.5899,
203.7126, 60.9452

14.7489, 19.3115,
0.0000

215.2601,
248.1629, 82.1409

8.7285, 11.8956,
0.0000

260.4960,
298.6501, 107.7564

4.6202, 6.6726,
0.0000

311.6628,

2.0587, 3.2582,

355.5586, 138.2101

0.0000

369.1260,
419.2728, 173.9206

■ 0.6666, 1.2680,
0.0000

■ 0.0000, 0.1162,
0.0000

■ 65.2585, 78.5926,
11.9888

■ 65.2585, 78.5926,
11.9888

■ 65.2107, 78.5764,
11.7298

■ 65.4818, 78.6849,
13.1558

■ 65.9358, 78.8665,
15.5449

■ 66.6645, 79.1581,
19.3810

■ 67.7022, 79.5732,
24.8438

■ 69.0779, 80.1235,
32.0869

■ 70.8175, 80.8194,
41.2463

■ 72.9443, 81.6701,
52.4445

■ 75.4797, 82.6843,
65.7942

■ 78.4434, 83.8698,
81.3995

Harmonies

Analogous

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



88.4623, 78.5926, 12.6473



65.2585, 78.5926, 11.9888



48.4699, 78.5926, 22.3084

Triad

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



65.2585, 78.5926, 11.9888



46.7757, 78.5926, 203.9090



125.4107, 78.5926, 128.4442

Complementary

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



65.2585, 78.5926, 11.9888



15.4982, 6.3692, 80.5383

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.



109.0099, 78.5926, 215.8206



65.2585, 78.5926, 11.9888



62.4445, 78.5926, 272.5432

Square

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



65.2585, 78.5926, 11.9888



39.3685, 78.5926, 117.0665



85.0107, 78.5926, 277.7667



126.5971, 78.5926, 60.3059

Rectangle

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



65.2585, 78.5926, 11.9888



41.8564, 78.5926, 39.8954



85.0107, 78.5926, 277.7667



121.3611, 78.5926, 157.1527

Sweetspot

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



65.2603, 78.5963, 11.9904



85.3447, 96.1178, 57.7974



35.0747, 18.2215, 1.9278



18.0375, 20.4812, 11.1609



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.



65.2603, 78.5963, 11.9904



76.9969, 92.7784, 13.8499



38.5067, 64.8043, 10.7384



16.3520, 17.6270, 16.0592



35.6004, 42.8972, 6.4036



2.7955, 3.3685, 0.5028

Inverse Universe

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



15.4982, 6.3692, 80.5383



18.0501, 7.2201, 95.0500



23.5562, 10.5233, 80.9154



14.2313, 14.5490, 18.9804



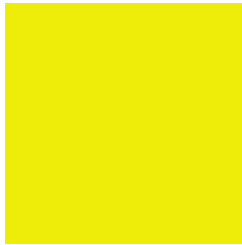
8.3457, 3.3383, 43.9475



0.6554, 0.2621, 3.4509

Previews

White Background



This preview shows how the XYZ color 65.2585, 78.5926, 11.9888 looks on a white background.

Color Contrast Check

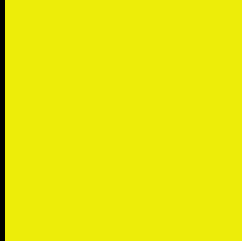
Large Text (above 18pt) WCAG AA × Fail

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 65.2585, 78.5926, 11.9888 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 65.2585, 78.5926, 11.9888

Background



This preview shows how black text looks on a background with the XYZ color 65.2585, 78.5926, 11.9888.



This preview shows how white text looks on a background with the XYZ color 65.2585, 78.5926,

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

65.2585, 78.5926, 11.9888

Protanopia

71.3823, 78.5918, 21.0803

Deuteranopia

76.7125, 78.5293, 55.9142



Tritanopia

81.5338, 78.2421, 91.6939

Trichromacy



Original Color

65.2585, 78.5926, 11.9888



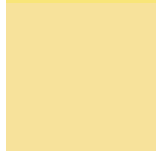
Protanomaly

68.6926, 78.5712, 15.9602



Deuteranomaly

70.1209, 77.3511, 29.0038



Tritanomaly

71.4705, 76.5334, 42.0159

Monochromacy



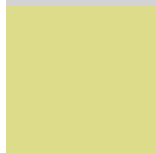
Original Color

65.2585, 78.5926, 11.9888



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

59.6958, 68.2370, 34.0695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2585, 78.5926, 11.9888 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(237, 237, 9)` looks like.

```
.text, #text, p{  
    color:rgb(237, 237, 9)  
}
```

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(237, 237, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 237, 9) }
```

Border

The CSS property to change the border of an element to XYZ 65.2585, 78.5926, 11.9888 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(237, 237, 9) }
```


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

```
.border{ border-color:rgb(237, 237, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 237, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 237, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 237, 9);  
box-shadow:4px 4px 4px 4px rgb(237, 237,  
9) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2585, 78.5926, 11.9888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 237, 9) }
```

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

```
.background{ background-color: rgb(237,  
237, 9) }
```

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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