

Converting Colors

XYZ(69.0015, 78.4087, 11.4976)

Have a look what the booklet for
XYZ(69.0015, 78.4087, 11.4976)
contains.

XYZ(69.0015, 78.4087, 11.4976)	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(69.0015, 78.4087,
11.4976)**

Conversions

Conversions Part 1

Format	Color
Hex	FCE800
RGB	252, 232, 0
RGB Percent	99%, 91%, 0%
CMY	0.0118, 0.0902, 0.9999
CMYK	0.00, 0.08, 1.00, 0.01
HSL	55°, 100%, 49%
HSV	55°, 100%, 99%
XYZ	69.0015, 78.4087, 11.4976
YIQ	211.5320, 86.3920, -67.9120

Conversions

Conversions Part 2

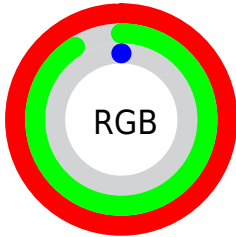
Format	Color
R _Y B	22, 252, 0
Decimal	16574464
CIE Lab	90.97, -11.68, 89.89
CIE LCh	91, 90.648, 97.406
Yxy	78.4087, 0.4342, 0.4934
Android (android.graphics.Color)	4294764544 (0xFFFC800)
YUV	211.5320, -104.2853, 35.4904
Hunter-Lab	88.5487, -15.8642, 54.2856

Details

The XYZ color **69.0015, 78.4087, 11.4976** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **17.8215, 7.5296, 92.6087**, and the grayscale version is **62.9028, 66.1787, 72.0686**.

A 20% lighter version of the original color is **78.9318, 93.5527, 24.0225**, and **36.9573, 42.3914, 6.2345** is the 20% darker color. If you saturate the color by 10%, you get **69.0024, 78.4109, 11.4980**, and if you desaturate by 10%, it is **69.7472, 79.6157, 12.6242**.

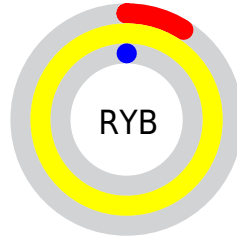
Distribution



Red (99%)

Green (91%)

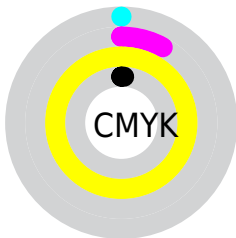
Blue (0%)



Red (9%)

Yellow (99%)

Blue (0%)

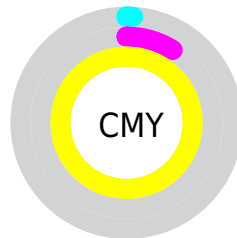


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (1%)



Cyan (1%)


Magenta (9%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.0015, 78.4087, 11.4976 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 69.0015, 78.4087, 11.4976 by changing the saturation by 10% instead.


 69.0015, 78.4087,
11.4976


 69.0015, 78.4087,
11.4976


446.3576,
489.5537, 211.9088


 50.9896, 58.4098,
6.2842


 116.8178,
131.1261, 29.2273


 36.4213, 42.1382,
2.9471


 147.3528,
164.6134, 42.5807

 24.9314, 29.2095,
1.0677


 182.7930,
203.3655, 59.4845

 16.1544, 19.2394,
0.0000

 223.5036,
247.7670, 80.3573

 9.7250, 11.8434,
0.0000

 269.8500,
298.2022, 105.6176

 5.2779, 6.6371,
0.0000

 322.1975,

 2.4476, 3.2362,

355.0554, 135.6839

0.0000

380.9116,
418.7111, 170.9748

■ 0.8689, 1.2563,
0.0000

■ 0.0000, 0.1070,
0.0000

■ 69.0015, 78.4087,
11.4976

■ 69.0015, 78.4087,
11.4976

■ 69.0024, 78.4109,
11.4980

■ 69.7472, 79.6157,
12.6242

■ 70.7268, 80.9236,
14.9588

■ 72.0124, 82.3641,
18.8730

■ 73.6468, 83.9545,
24.5920

■ 75.6659, 85.7092,
32.3049

■ 78.1011, 87.6408,
42.1768

■ 80.9805, 89.7604,
54.3558

■ 84.3298, 92.0785,
68.9768

■ 88.1726, 94.6045,
86.1642

Harmonies

Analogous

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



92.7211, 78.4087, 13.9119



69.0015, 78.4087, 11.4976



50.8853, 78.4087, 19.3363

Triad

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



69.0015, 78.4087, 11.4976



44.7773, 78.4087, 186.9517



122.9206, 78.4087, 143.4487

Complementary

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



69.0015, 78.4087, 11.4976



17.8215, 7.5296, 92.6087

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.



104.5431, 78.4087, 229.4994



69.0015, 78.4087, 11.4976



58.8805, 78.4087, 262.3226

Square

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



69.0015, 78.4087, 11.4976



38.8814, 78.4087, 102.6505



80.3359, 78.4087, 280.9480



127.1662, 78.4087, 70.1531

Rectangle

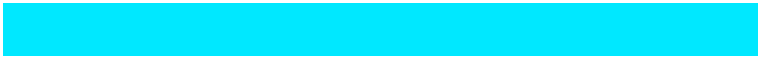
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.0015, 78.4087, 11.4976



43.2869, 78.4087, 33.9302



80.3359, 78.4087, 280.9480



118.0323, 78.4087, 172.7282

Sweetspot

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



69.0033, 78.4124, 11.4992



83.1803, 92.2027, 55.7960



40.2805, 20.7502, 2.5931



17.5247, 19.5334, 10.7497



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.



69.0033, 78.4124, 11.4992



70.8817, 80.5434, 11.8106



46.8452, 75.8245, 12.1675



18.6026, 19.9412, 18.3310



35.9954, 40.9475, 6.0065



3.3677, 3.8603, 0.5676

Inverse Universe

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



17.8215, 7.5296, 92.6087



18.3043, 7.7286, 95.1348



23.3987, 10.0333, 92.7980



16.3937, 16.8642, 21.7764



9.3232, 4.0020, 48.2546



0.9004, 0.4445, 4.4815

Previews

White Background



This preview shows how the XYZ color 69.0015, 78.4087, 11.4976 looks on a white background.

Color Contrast Check

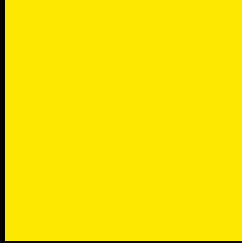
Large Text (above 18pt) WCAG AA × Fail

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 69.0015, 78.4087, 11.4976 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 69.0015, 78.4087, 11.4976

Background



This preview shows how black text looks on a background with the XYZ color 69.0015, 78.4087, 11.4976.



This preview shows how white text looks on a background with the XYZ color 69.0015, 78.4087,

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

69.0015, 78.4087, 11.4976

Protanopia

71.3823, 78.5918, 21.0803

Deuteranopia

76.7125, 78.5293, 55.9142



Tritanopia

81.2570, 78.2159, 86.4158

Trichromacy



Original Color

69.0015, 78.4087, 11.4976



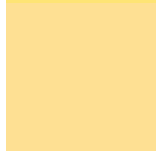
Protanomaly

70.1875, 78.5181, 15.3271



Deuteranomaly

71.7688, 77.8186, 27.7609



Tritanomaly

72.7952, 76.4887, 38.5308

Monochromacy



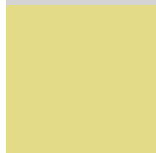
Original Color

69.0015, 78.4087, 11.4976



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

61.3832, 68.7432, 32.9552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0015, 78.4087, 11.4976 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(252, 232, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 232, 0)  
}
```

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(252, 232, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 232, 0) }
```

Border

The CSS property to change the border of an element to XYZ 69.0015, 78.4087, 11.4976 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(252, 232, 0) }
```


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

```
.border{ border-color:rgb(252, 232, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 232, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 232, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 232, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 232,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0015, 78.4087, 11.4976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 232, 0) }
```

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

```
.background{ background-color: rgb(252,  
232, 0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor