

Converting Colors

XYZ(65.6369, 73.9627, 10.8168)

Have a look what the booklet for
XYZ(65.6369, 73.9627, 10.8168)
contains.

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Color

**XYZ(65.6366, 73.8069,
10.7867)**

Conversions

Conversions Part 1

Format	Color
Hex	F8E100
RGB	248, 225, 0
RGB Percent	97%, 88%, 0%
CMY	0.0275, 0.1176, 0.9999
CMYK	0.00, 0.09, 1.00, 0.03
HSL	54°, 100%, 49%
HSV	54°, 100%, 97%
XYZ	65.6366, 73.8069, 10.7867
YIQ	206.2270, 85.9330, -65.0990

Conversions

Conversions Part 2

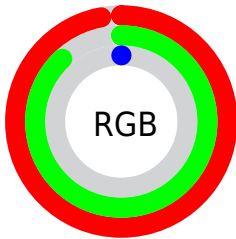
Format	Color
R_{YB}	25, 248, 0
Decimal	16310528
CIE _{Lab}	88.83, -9.91, 88.20
CIE _{LCh}	89, 88.756, 96.410
Yxy	73.8069, 0.4369, 0.4913
Android (android.graphics.Color)	4294500608 (0xFF8E100)
YUV	206.2270, -101.6699, 36.6349
Hunter-Lab	85.9109, -13.9688, 52.6934

Details

The XYZ color **65.6366, 73.8069, 10.7867** 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 **17.2503, 7.3911, 89.3236**, and the grayscale version is **59.4086, 62.5024, 68.0651**.

A 20% lighter version of the original color is **78.8455, 93.5182, 23.5681**, and **34.8682, 39.3142, 5.7507** is the 20% darker color. If you saturate the color by 10%, you get **65.6374, 73.8089, 10.7871**, and if you desaturate by 10%, it is **66.4376, 75.1316, 11.9103**.

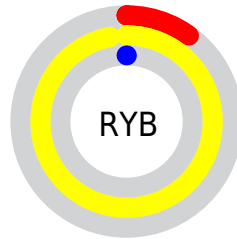
Distribution



Red (97%)

Green (88%)

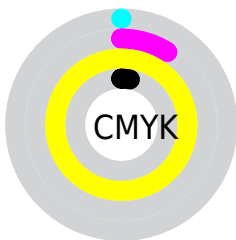
Blue (0%)



Red (10%)

Yellow (97%)

Blue (0%)

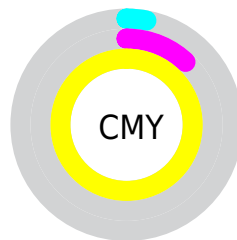


Cyan (0%)

Magenta (9%)

Yellow (100%)

Black (3%)



Cyan (3%)


Magenta (12%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6366, 73.8069, 10.7867 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 65.6366, 73.8069, 10.7867 by changing the saturation by 10% instead.


 65.6366, 73.8069,
10.7867


 65.6366, 73.8069,
10.7867


434.5853,
473.8066, 206.8829


 48.2441, 54.6360,
5.8112


 112.0252,
124.6220, 27.8957


 34.2323, 39.1104,
2.6637


 141.7520,
157.0351, 40.8662


 23.2358, 26.8456,
0.9251


 176.3210,
194.6309, 57.3389

 14.8894, 17.4573,
0.0000

 216.0974,
237.7940, 77.7322

 8.8276, 10.5611,
0.0000

 261.4467,
286.9088, 102.4648

 4.6851, 5.7725,
0.0000

 312.7342,

 2.0966, 2.7073,

342.3595, 131.9550

0.0000

370.3253,
404.5307, 166.6216

■ 0.6873, 0.9809,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.6366, 73.8069,
10.7867

■ 65.6366, 73.8069,
10.7867

■ 65.6374, 73.8089,
10.7871

■ 66.4376, 75.1316,
11.9103

■ 67.4660, 76.5578,
14.1971

■ 68.7916, 78.1164,
18.0069

■ 70.4553, 79.8238,
23.5560

■ 72.4918, 81.6940,
31.0262

■ 74.9313, 83.7389,
40.5761

■ 77.8008, 85.9696,
52.3481

■ 81.1249, 88.3958,
66.4720

■ 84.9265, 91.0269,
83.0676

Harmonies

Analogous

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



88.0288, 73.8069, 13.3686



65.6366, 73.8069, 10.7867



48.3641, 73.8069, 17.7783

Triad

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



65.6366, 73.8069, 10.7867



41.8646, 73.8069, 173.1068



115.2636, 73.8069, 137.6620

Complementary

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



65.6366, 73.8069, 10.7867



17.2503, 7.3911, 89.3236

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.



97.6599, 73.8069, 218.2568



65.6366, 73.8069, 10.7867



54.8745, 73.8069, 245.0097

Square

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



65.6366, 73.8069, 10.7867



36.5683, 73.8069, 94.3184



74.8683, 73.8069, 264.7637



119.7715, 73.8069, 67.8572

Rectangle

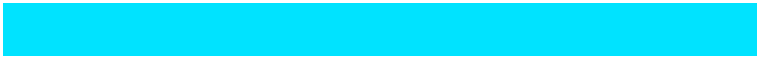
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.6366, 73.8069, 10.7867



41.0429, 73.8069, 31.0476



74.8683, 73.8069, 264.7637



110.5286, 73.8069, 165.2678

Sweetspot

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



65.6383, 73.8104, 10.7882



82.8649, 91.5720, 55.6909



38.8850, 20.0264, 2.7259



17.4481, 19.3802, 10.7242



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.



65.6383, 73.8104, 10.7882



69.9156, 78.6112, 11.4885



45.9273, 73.5061, 11.7683



18.5817, 19.8993, 18.3240



35.5133, 39.9832, 5.8458



3.3281, 3.7810, 0.5544

Inverse Universe

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



17.2503, 7.3911, 89.3236



18.3693, 7.8587, 95.1564



22.1128, 9.4428, 89.4633



16.4124, 16.9017, 21.7826



9.3610, 4.0776, 48.2672



0.9093, 0.4623, 4.4845

Previews

White Background



This preview shows how the XYZ color 65.6366, 73.8069, 10.7867 looks on a white background.

Color Contrast Check

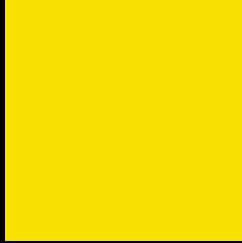
Large Text (above 18pt) WCAG AA × Fail

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 65.6366, 73.8069, 10.7867 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 65.6366, 73.8069, 10.7867

Background



This preview shows how black text looks on a background with the XYZ color 65.6366, 73.8069, 10.7867.

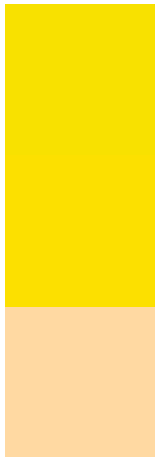


This preview shows how white text looks on a background with the XYZ color 65.6366, 73.8069, 10.7867.

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

65.6366, 73.8069, 10.7867

Protanopia

66.8005, 74.0068, 10.7640

Deuteranopia

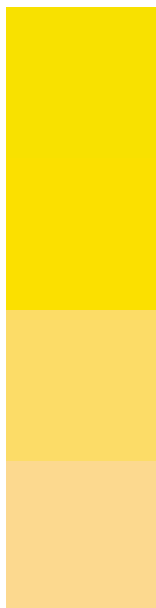
72.5744, 73.4943, 44.5432



Tritanopia

78.3741, 73.7832, 81.3450

Trichromacy



Original Color

65.6366, 73.8069, 10.7867

Protanomaly

66.4393, 73.8205, 10.7471

Deuteranomaly

68.1863, 72.8611, 23.3018

Tritanomaly

69.9157, 72.3043, 36.2578

Monochromacy



Original Color

65.6366, 73.8069, 10.7867

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.7098, 64.5993, 30.9000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6366, 73.8069, 10.7867 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(248, 225, 0)` looks like.

```
.text, #text, p{  
    color:rgb(248, 225, 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(248, 225, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 225, 0) }
```

Border

The CSS property to change the border of an element to XYZ 65.6366, 73.8069, 10.7867 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(248, 225, 0) }
```


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

```
.border{ border-color:rgb(248, 225, 0) }
```

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

Here you see how a box with a 4 pixel rgb(248, 225, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 225, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 225, 0);  
box-shadow:4px 4px 4px 4px rgb(248, 225,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6366, 73.8069, 10.7867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 225, 0) }
```

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

```
.background{ background-color: rgb(248,  
225, 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](#).

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