

Converting Colors

XYZ(60.6919, 71.9582, 10.6905)

Have a look what the booklet for
XYZ(60.6919, 71.9582, 10.6905)
contains.

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Color

**XYZ(60.7478, 72.0940,
10.7138)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E300
RGB	232, 227, 0
RGB Percent	91%, 89%, 0%
CMY	0.0902, 0.1098, 0.9999
CMYK	0.00, 0.02, 1.00, 0.09
HSL	59°, 100%, 45%
HSV	59°, 100%, 91%
XYZ	60.7478, 72.0940, 10.7138
YIQ	202.6170, 75.8470, -69.5370

Conversions

Conversions Part 2

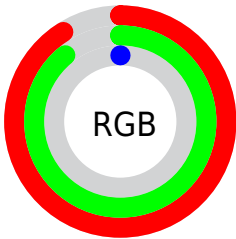
Format	Color
R _Y B	5, 232, 0
Decimal	15262464
CIE Lab	88.01, -17.64, 87.00
CIE LCh	88, 88.772, 101.463
Yxy	72.0940, 0.4232, 0.5022
Android (android.graphics.Color)	4293452544 (0xFFE8E300)
YUV	202.6170, -99.8902, 25.7689
Hunter-Lab	84.9082, -20.8810, 51.9545

Details

The XYZ color **60.7478, 72.0940, 10.7138** 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 **14.6203, 5.9354, 76.7183**, and the grayscale version is **57.1017, 60.0754, 65.4222**.

A 20% lighter version of the original color is **78.8455, 93.5182, 23.5681**, and **31.7658, 38.2757, 5.7137** is the 20% darker color. If you saturate the color by 10%, you get **60.7491, 72.0969, 10.7143**, and if you desaturate by 10%, it is **61.0430, 72.4337, 11.5866**.

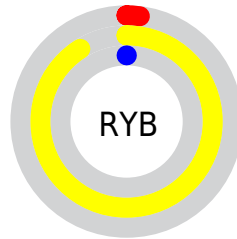
Distribution



Red (91%)

Green (89%)

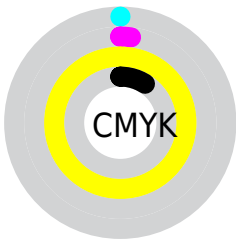
Blue (0%)



Red (2%)

Yellow (91%)

Blue (0%)

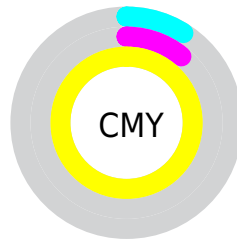


Cyan (0%)

Magenta (2%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (11%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7478, 72.0940, 10.7138 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 60.7478, 72.0940, 10.7138 by changing the saturation by 10% instead.


 60.7478, 72.0940,
10.7138

 60.7478, 72.0940,
10.7138


417.1394,
467.8687, 206.3598

 44.2734, 53.2355,
5.7630


 105.0139,
122.1902, 27.7582

 31.0844, 37.9908,
2.6351


 133.5363,
154.1966, 40.6889


 20.8152, 25.9755,
0.9105


 166.8054,
191.3544, 57.1166

 13.1007, 16.8053,
0.0000

 205.1866,
234.0481, 77.4600

 7.5754, 10.0958,
0.0000

 249.0453,
282.6619, 102.1374

 3.8740, 5.4625,
0.0000

 298.7467,

 1.6311, 2.5211,

337.5804, 131.5675

0.0000

354.6563,
399.1879, 166.1688

■ 0.4125, 0.8872,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7478, 72.0940,
10.7138

■ 60.7478, 72.0940,
10.7138

■ 60.7491, 72.0969,
10.7143

■ 61.0430, 72.4337,
11.5866

■ 61.5249, 72.8459,
13.4476

■ 62.2547, 73.3580,
16.6119

■ 63.2671, 73.9837,
21.2626

■ 64.5913, 74.7348,
27.5535

■ 66.2530, 75.6215,
35.6193

■ 68.2751, 76.6530,
45.5807

■ 70.6784, 77.8376,
57.5480

■ 73.4823, 79.1831,
71.6228

Harmonies

Analogous

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



82.2948, 72.0940, 11.7311



60.7478, 72.0940, 10.7138



44.9508, 72.0940, 19.5397

Triad

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



60.7478, 72.0940, 10.7138



42.3230, 72.0940, 183.7485



114.8132, 72.0940, 121.6950

Complementary

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



60.7478, 72.0940, 10.7138



14.6203, 5.9354, 76.7183

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.



99.1626, 72.0940, 202.2656



60.7478, 72.0940, 10.7138



56.3807, 72.0940, 249.0091

Square

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



60.7478, 72.0940, 10.7138



35.8721, 72.0940, 104.0200



76.9352, 72.0940, 257.1316



116.6564, 72.0940, 57.5348

Rectangle

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



60.7478, 72.0940, 10.7138



38.6242, 72.0940, 34.9406



76.9352, 72.0940, 257.1316



110.8625, 72.0940, 148.3934

Sweetspot

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



60.7494, 72.0974, 10.7153



84.5632, 94.9684, 56.2570



33.3213, 17.1734, 1.7815



17.8614, 20.2066, 10.8619



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.



60.7494, 72.0974, 10.7153



75.2740, 89.3280, 13.2747



37.1323, 61.9791, 10.0070



15.5736, 16.7611, 15.3189



33.7385, 40.0512, 5.9525



2.5017, 2.9767, 0.4427

Inverse Universe

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



14.6203, 5.9354, 76.7183



18.1096, 7.3391, 95.0699



20.7845, 9.0328, 76.9913



13.6076, 13.9366, 18.1172



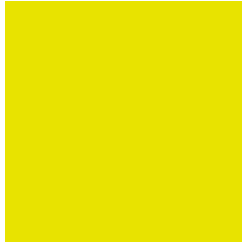
8.1279, 3.3179, 42.5952



0.6095, 0.2628, 3.1506

Previews

White Background



This preview shows how the XYZ color 60.7478, 72.0940, 10.7138 looks on a white background.

Color Contrast Check

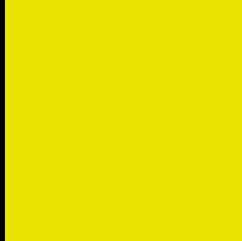
Large Text (above 18pt) WCAG AA × Fail

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 60.7478, 72.0940, 10.7138 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 60.7478, 72.0940, 10.7138

Background



This preview shows how black text looks on a background with the XYZ color 60.7478, 72.0940, 10.7138.



This preview shows how white text looks on a background with the XYZ color 60.7478, 72.0940,

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

60.7478, 72.0940, 10.7138

Protanopia

64.9234, 71.8526, 10.4471

Deuteranopia

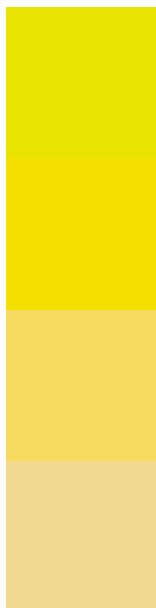
71.0363, 71.6530, 40.2234



Tritanopia

75.5172, 71.9087, 82.5726

Trichromacy



Original Color

60.7478, 72.0940, 10.7138

Protanomaly

63.3498, 71.8300, 10.5257

Deuteranomaly

65.8470, 71.3003, 21.6011

Tritanomaly

66.4648, 70.5166, 36.4935

Monochromacy



Original Color

60.7478, 72.0940, 10.7138

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.2375, 62.9681, 30.0116

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7478, 72.0940, 10.7138 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(232, 227, 0)` looks like.

```
.text, #text, p{  
    color:rgb(232, 227, 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(232, 227, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 227, 0) }
```

Border

The CSS property to change the border of an element to XYZ 60.7478, 72.0940, 10.7138 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(232, 227, 0) }
```


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

```
.border{ border-color:rgb(232, 227, 0) }
```

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

Here you see how a box with a 4 pixel rgb(232, 227, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 227, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 227, 0);  
box-shadow:4px 4px 4px 4px rgb(232, 227,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7478, 72.0940, 10.7138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 227, 0) }
```

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

```
.background{ background-color: rgb(232,  
227, 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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