

Converting Colors

XYZ(59.9444, 69.9384, 10.5555)

Have a look what the booklet for
XYZ(59.9444, 69.9384, 10.5555)
contains.

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Color

**XYZ(60.0358, 70.1165,
10.5993)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E9DF08 |
| RGB | 233, 223, 8 |
| RGB Percent | 91%, 87%, 3% |
| CMY | 0.0863, 0.1255, 0.9685 |
| CMYK | 0.00, 0.04, 0.97, 0.09 |
| HSL | 57°, 93%, 47% |
| HSV | 57°, 97%, 91% |
| XYZ | 60.0358, 70.1165, 10.5993 |
| YIQ | 201.4800, 74.9750, -64.7450 |

Conversions

Conversions Part 2

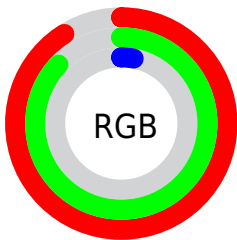
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 18, 233, 8 |
| Decimal | 15326984 |
| CIE Lab | 87.05, -15.19, 85.68 |
| CIE LCh | 87, 87.013, 100.057 |
| Yxy | 70.1165, 0.4265, 0.4982 |
| Android (android.graphics.Color) | 4293517064 (0xFFE9DF08) |
| YUV | 201.4800, -95.3856, 27.6430 |
| Hunter-Lab | 83.7356, -18.5584, 51.1100 |

Details

The XYZ color **60.0358, 70.1165, 10.5993** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **15.0250, 6.3683, 77.5276**, and the grayscale version is **56.3610, 59.2962, 64.5735**.

A 20% lighter version of the original color is **78.8883, 93.5353, 23.7938**, and **31.2362, 36.8895, 5.4741** is the 20% darker color. If you saturate the color by 10%, you get **59.8982, 69.9118, 10.3374**, and if you desaturate by 10%, it is **60.5225, 70.7577, 11.7869**.

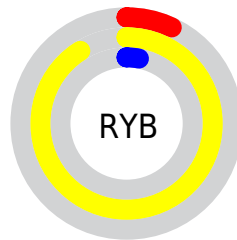
Distribution



Red (91%)

Green (87%)

Blue (3%)



Red (7%)

Yellow (91%)

Blue (3%)

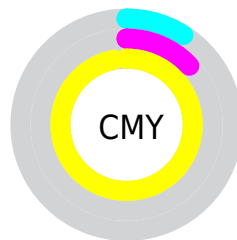


Cyan (0%)

Magenta (4%)

Yellow (97%)

Black (9%)



Cyan (9%)


Magenta (13%)

Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0358, 70.1165, 10.5993 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 60.0358, 70.1165, 10.5993 by changing the saturation by 10% instead.


 60.0358, 70.1165,
10.5993


 60.0358, 70.1165,
10.5993


414.5623,
460.9590, 205.5353

 43.6971, 51.6215,
5.6873


 103.9876,
119.3749, 27.5420

 30.6293, 36.7035,
2.5902


 132.3315,
150.9071, 40.4098


 20.4672, 24.9780,
0.8874


 165.4077,
187.5538, 56.7667

 12.8453, 16.0607,
0.0000

 203.5817,
229.6994, 77.0311

 7.3984, 9.5671,
0.0000

 247.2188,
277.7283, 101.6216

 3.7610, 5.1129,
0.0000

 296.6844,

 1.5678, 2.3136,

332.0250, 130.9568

0.0000

352.3438,
392.9737, 165.4552

■ 0.3713, 0.7809,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0358, 70.1165,
10.5993

■ 60.0358, 70.1165,
10.5993

■ 59.8982, 69.9118,
10.3374

■ 60.5225, 70.7577,
11.7869

■ 61.2306, 71.4874,
14.1392

■ 62.2032, 72.3257,
17.8761

■ 63.4733, 73.2857,
23.1708

■ 65.0689, 74.3787,
30.1714

■ 67.0149, 75.6145,
39.0087

■ 69.3337, 77.0021,
49.8007

■ 72.0458, 78.5499,
62.6557

■ 75.1704, 80.2653,
77.6740

Harmonies

Analogous

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



80.9144, 70.1165, 11.9980



60.0358, 70.1165, 10.5993



44.4834, 70.1165, 18.6537

Triad

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



60.0358, 70.1165, 10.5993



40.9371, 70.1165, 173.6661



110.6545, 70.1165, 121.3484

Complementary

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



60.0358, 70.1165, 10.5993



15.0250, 6.3683, 77.5276

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.



95.1585, 70.1165, 198.3954



60.0358, 70.1165, 10.5993



54.1580, 70.1165, 237.7682

Square

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



60.0358, 70.1165, 10.5993



35.0409, 70.1165, 97.6544



73.7194, 70.1165, 248.5976



113.1220, 70.1165, 58.3855

Rectangle

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



60.0358, 70.1165, 10.5993



38.1416, 70.1165, 32.9298



73.7194, 70.1165, 248.5976



106.6665, 70.1165, 147.1298

Sweetspot

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



60.0374, 70.1198, 10.6007



84.3066, 94.0403, 57.4511



33.8111, 17.5458, 2.2332



17.7829, 19.9718, 11.0760



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.



60.0374, 70.1198, 10.6007



73.4924, 85.7648, 12.6808



38.6613, 63.1814, 10.3881



16.2913, 17.5055, 16.0390



34.0129, 39.7200, 5.8741



2.6886, 3.1545, 0.4672

Inverse Universe

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



15.0250, 6.3683, 77.5276



18.1735, 7.4669, 95.0912



21.1344, 9.3255, 77.7764



14.2849, 14.6562, 18.9983



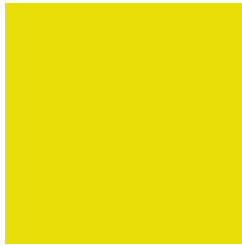
8.4329, 3.5128, 43.9765



0.6812, 0.3138, 3.4595

Previews

White Background



This preview shows how the XYZ color 60.0358, 70.1165, 10.5993 looks on a white background.

Color Contrast Check

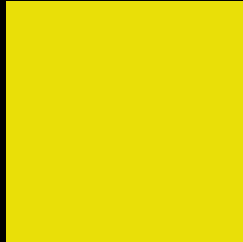
Large Text (above 18pt) WCAG AA × Fail

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 60.0358, 70.1165, 10.5993 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 60.0358, 70.1165, 10.5993

Background



This preview shows how black text looks on a background with the XYZ color 60.0358, 70.1165, 10.5993.



This preview shows how white text looks on a background with the XYZ color 60.0358, 70.1165,

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

60.0358, 70.1165, 10.5993

Protanopia

63.3376, 70.2559, 10.2225

Deuteranopia

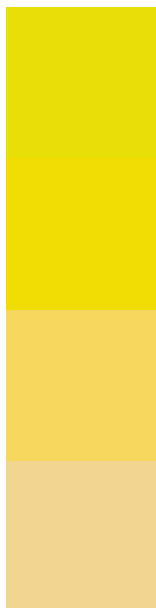
69.4922, 69.8317, 35.8028



Tritanopia

73.9899, 69.7275, 79.3711

Trichromacy



Original Color

60.0358, 70.1165, 10.5993

Protanomaly

61.8853, 69.8937, 10.3153

Deuteranomaly

64.6786, 69.1832, 20.5344

Tritanomaly

65.5230, 68.5101, 36.5584

Monochromacy



Original Color

60.0358, 70.1165, 10.5993

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.3378, 61.3858, 30.4575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0358, 70.1165, 10.5993 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(233, 223, 8)` looks like.

```
.text, #text, p{  
    color:rgb(233, 223, 8)  
}
```

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(233, 223, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 223, 8) }
```

Border

The CSS property to change the border of an element to XYZ 60.0358, 70.1165, 10.5993 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(233, 223, 8) }
```


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

```
.border{ border-color:rgb(233, 223, 8) }
```

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

Here you see how a box with a 4 pixel rgb(233, 223, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 223, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 223, 8);  
box-shadow:4px 4px 4px 4px rgb(233, 223,  
8) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0358, 70.1165, 10.5993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 223, 8) }
```

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

```
.background{ background-color: rgb(233,  
223, 8) }
```

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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