

Converting Colors

XYZ(55.2702, 69.6674, 10.9860)

Have a look what the booklet for
XYZ(55.2702, 69.6674, 10.9860)
contains.

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Color

**XYZ(55.2702, 69.6674,
10.9860)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E40F
RGB	213, 228, 15
RGB Percent	84%, 89%, 6%
CMY	0.1647, 0.1059, 0.9411
CMYK	0.07, 0.00, 0.93, 0.11
HSL	64°, 88%, 48%
HSV	64°, 93%, 89%
XYZ	55.2702, 69.6674, 10.9860
YIQ	199.2330, 59.4330, -69.4230

Conversions

Conversions Part 2

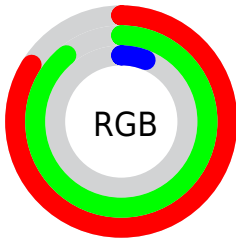
Format	Color
RYB	15, 228, 30
Decimal	14017551
CIELab	86.83, -25.91, 84.19
CIELCh	87, 88.087, 107.106
Yxy	69.6674, 0.4066, 0.5125
Android (android.graphics.Color)	4292207631 (0xFFD5E40F)
YUV	199.2330, -90.8269, 12.0737
Hunter-Lab	83.4670, -27.8681, 50.6231

Details

The XYZ color **55.2702, 69.6674, 10.9860** 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 **14.7118, 6.2205, 73.8283**, and the grayscale version is **54.9457, 57.8071, 62.9520**.

A 20% lighter version of the original color is **78.9758, 93.5703, 24.2543**, and **28.2700, 36.7572, 5.6049** is the 20% darker color. If you saturate the color by 10%, you get **54.8793, 69.4783, 10.5182**, and if you desaturate by 10%, it is **56.0007, 70.0163, 12.3818**.

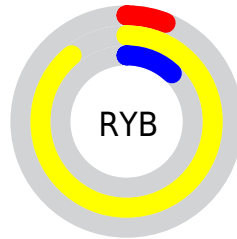
Distribution



Red (84%)

Green (89%)

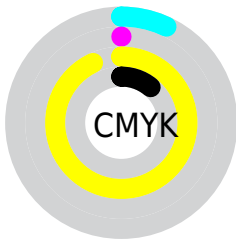
Blue (6%)



Red (6%)

Yellow (89%)

Blue (12%)

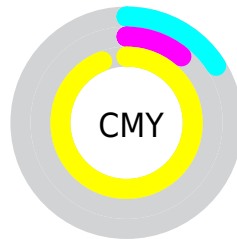


Cyan (7%)

Magenta (0%)

Yellow (93%)

Black (11%)



Cyan (16%)


Magenta (11%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.2702, 69.6674, 10.9860 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 55.2702, 69.6674, 10.9860 by changing the saturation by 10% instead.


 55.2702, 69.6674,
10.9860

 55.2702, 69.6674,
10.9860


397.0551,
459.3813, 208.3055

 39.8528, 51.2554,
5.9434


 97.0827, 118.7343,
28.2705


 27.6075, 36.4119,
2.7424


 124.2086,
150.1581, 41.3495


 18.1689, 24.7525,
0.9647


 155.9680,
186.6879, 57.9444

 11.1718, 15.8928,
0.0000

 192.7262,
228.7081, 78.4736

 6.2506, 9.4483,
0.0000

 234.8487,
276.6032, 103.3558

 3.0402, 5.0347,
0.0000

 282.7008,

 1.1750, 2.2677,

330.7575, 133.0095

0.0000

336.6478,
391.5554, 167.8532

■ 0.0865, 0.7565,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.2702, 69.6674,
10.9860

■ 55.2702, 69.6674,
10.9860

■ 54.8793, 69.4783,
10.5182

■ 56.0007, 70.0163,
12.3818

■ 56.9589, 70.4542,
14.9590

■ 58.1821, 70.9987,
18.9074

■ 59.6998, 71.6615,
24.3827

■ 61.5377, 72.4528,
31.5193

■ 63.7184, 73.3819,
40.4371

■ 66.2627, 74.4570,
51.2449

■ 69.1896, 75.6856,
64.0427

■ 72.5167, 77.0749,
78.9236

Harmonies

Analogous

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



75.4226, 69.6674, 10.4035



55.2702, 69.6674, 10.9860



41.3011, 69.6674, 21.9909

Triad

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



55.2702, 69.6674, 10.9860



42.8170, 69.6674, 192.4942



112.6357, 69.6674, 103.9859

Complementary

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



55.2702, 69.6674, 10.9860



14.7118, 6.2205, 73.8283

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.



99.5543, 69.6674, 181.7678



55.2702, 69.6674, 10.9860



57.7922, 69.6674, 248.0595

Square

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



55.2702, 69.6674, 10.9860



35.1981, 69.6674, 114.2090



78.5209, 69.6674, 243.3511



111.5689, 69.6674, 47.2229

Rectangle

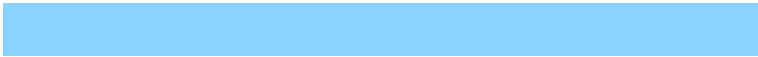
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.2702, 69.6674, 10.9860



36.1004, 69.6674, 39.8253



78.5209, 69.6674, 243.3511



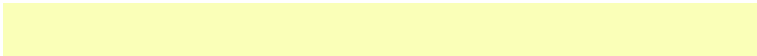
109.6495, 69.6674, 128.8891

Sweetspot

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



55.2718, 69.6706, 10.9874



83.7832, 95.2822, 59.1033



32.5280, 17.4191, 2.1006



17.6370, 20.2690, 11.4011



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.



55.2718, 69.6706, 10.9874



70.6961, 89.5302, 13.5550



33.9328, 58.6700, 9.9888



15.4961, 16.7628, 15.3233



31.7298, 40.1388, 6.0752



2.3749, 2.9817, 0.4504

Inverse Universe

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



14.7118, 6.2205, 73.8283



18.2988, 7.3483, 95.0616



24.2824, 11.1543, 74.2762



13.6764, 13.9354, 18.1133



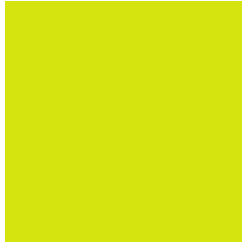
8.2460, 3.3169, 42.5888



0.6425, 0.2622, 3.1487

Previews

White Background



This preview shows how the XYZ color 55.2702, 69.6674, 10.9860 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 55.2702, 69.6674, 10.9860 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 55.2702, 69.6674, 10.9860

Background



This preview shows how black text looks on a background with the XYZ color 55.2702, 69.6674, 10.9860.



This preview shows how white text looks on a background with the XYZ color 55.2702, 69.6674,

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

55.2702, 69.6674, 10.9860

Protanopia

62.7605, 69.5684, 10.2925

Deuteranopia

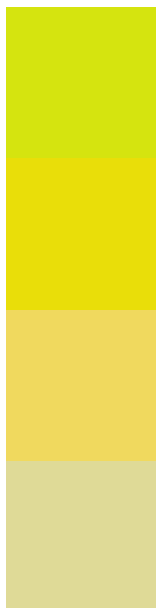
68.9468, 69.2173, 34.1525



Tritanopia

69.9994, 69.4021, 83.8353

Trichromacy



Original Color

55.2702, 69.6674, 10.9860

Protanomaly

59.7749, 69.5859, 10.5394

Deuteranomaly

62.7684, 68.9591, 20.5919

Tritanomaly

61.0887, 68.0651, 39.1963

Monochromacy



Original Color

55.2702, 69.6674, 10.9860

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.1133, 60.5965, 30.7794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2702, 69.6674, 10.9860 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(213, 228, 15)` looks like.

```
.text, #text, p{  
    color:rgb(213, 228, 15)  
}
```

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(213, 228, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 228, 15) }
```

Border

The CSS property to change the border of an element to XYZ 55.2702, 69.6674, 10.9860 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(213, 228, 15) }
```


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

```
.border{ border-color:rgb(213, 228, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 228, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 228, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 228, 15);  
box-shadow:4px 4px 4px 4px rgb(213, 228,  
15) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2702, 69.6674, 10.9860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 228, 15) }
```

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

```
.background{ background-color: rgb(213,  
228, 15) }
```

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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