

Converting Colors

XYZ(52.9677, 65.6327, 9.8767)

Have a look what the booklet for
XYZ(52.9677, 65.6327, 9.8767)
contains.

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Color

**XYZ(53.0078, 65.7100,
9.8895)**

Conversions

Conversions Part 1

Format	Color
Hex	D4DD00
RGB	212, 221, 0
RGB Percent	83%, 87%, 0%
CMY	0.1686, 0.1333, 0.9999
CMYK	0.04, 0.00, 1.00, 0.13
HSL	62°, 100%, 43%
HSV	62°, 100%, 87%
XYZ	53.0078, 65.7100, 9.8895
YIQ	193.1150, 65.5770, -70.6390

Conversions

Conversions Part 2

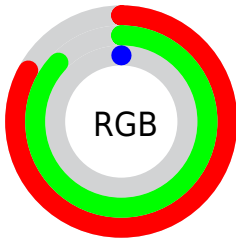
Format	Color
R _Y B	0, 221, 9
Decimal	13950208
CIE Lab	84.85, -23.13, 83.97
CIE LCh	85, 87.101, 105.398
Yxy	65.7100, 0.4122, 0.5109
Android (android.graphics.Color)	4292140288 (0xFFD4DD00)
YUV	193.1150, -95.2057, 16.5621
Hunter-Lab	81.0617, -25.1334, 49.5098

Details

The XYZ color **53.0078, 65.7100, 9.8895** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **13.1654, 5.2797, 68.7360**, and the grayscale version is **51.2755, 53.9458, 58.7469**.

A 20% lighter version of the original color is **78.7615, 93.4846, 23.1257**, and **26.7731, 34.0447, 5.1602** is the 20% darker color. If you saturate the color by 10%, you get **53.0088, 65.7128, 9.8900**, and if you desaturate by 10%, it is **53.4156, 65.9057, 10.6714**.

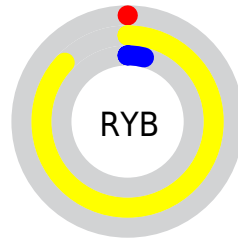
Distribution



Red (83%)

Green (87%)

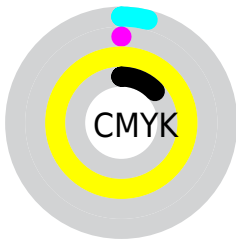
Blue (0%)



Red (0%)

Yellow (87%)

Blue (4%)

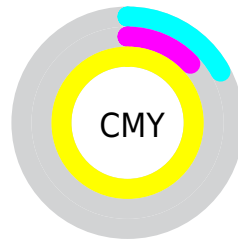


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (13%)



Cyan (17%)


Magenta (13%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0078, 65.7100, 9.8895 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 53.0078, 65.7100, 9.8895 by changing the saturation by 10% instead.


 53.0078, 65.7100,
9.8895


 53.0078, 65.7100,
9.8895


388.5754,
445.3390, 200.3377


 38.0365, 48.0370,
5.2211


 93.7813, 113.0700,
26.1920


 26.1884, 33.8562,
2.3166


 120.3142,
143.5258, 38.6632

 17.0980, 22.7832,
0.7405


 151.4317,
179.0114, 54.5724

 10.4001, 14.4335,
0.0000

 187.4992,
219.9111, 74.3382

 5.7294, 8.4228,
0.0000

 228.8819,
266.6093, 98.3791

 2.7203, 4.3666,
0.0000

 275.9453,

 1.0076, 1.8807,

319.4904, 127.1136

0.0000

329.0547,
378.9389, 160.9603

■ 0.0000, 0.5367,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.0078, 65.7100,
9.8895

■ 53.0078, 65.7100,
9.8895

■ 53.0088, 65.7128,
9.8900

■ 53.4156, 65.9057,
10.6714

■ 53.9904, 66.1658,
12.3314

■ 54.7880, 66.5153,
15.1567

■ 55.8390, 66.9663,
19.3094

■ 57.1694, 67.5292,
24.9256

■ 58.8019, 68.2131,
32.1249

■ 60.7568, 69.0262,
41.0144

■ 63.0527, 69.9758,
51.6919

■ 65.7067, 71.0688,
64.2478

Harmonies

Analogous

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



72.4065, 65.7100, 9.7865



53.0078, 65.7100, 9.8895



39.3567, 65.7100, 19.4905

Triad

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



53.0078, 65.7100, 9.8895



39.6283, 65.7100, 178.6534



106.2861, 65.7100, 102.2212

Complementary

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



53.0078, 65.7100, 9.8895



13.1654, 5.2797, 68.7360

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.



93.1813, 65.7100, 176.7170



53.0078, 65.7100, 9.8895



53.4605, 65.7100, 234.1840

Square

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



53.0078, 65.7100, 9.8895



32.8017, 65.7100, 104.0618



72.9637, 65.7100, 233.3330



106.0939, 65.7100, 46.6268

Rectangle

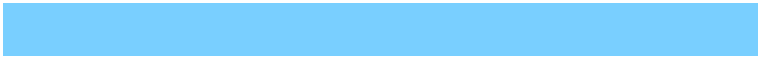
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.0078, 65.7100, 9.8895



34.1614, 65.7100, 35.4704



72.9637, 65.7100, 233.3330



103.1872, 65.7100, 126.2940

Sweetspot

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



53.0093, 65.7131, 9.8909



83.9483, 95.4279, 56.3780



29.9011, 15.5337, 1.4232



17.7115, 20.3188, 10.8915



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.



53.0093, 65.7131, 9.8909



73.2789, 90.8617, 13.6759



31.4692, 54.6087, 8.8828



14.1070, 15.2354, 13.9228



30.8160, 38.1837, 5.7460



2.0131, 2.4823, 0.3730

Inverse Universe

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



13.1654, 5.2797, 68.7360



18.1801, 7.2871, 95.0561



20.5077, 9.0648, 69.0796



12.3875, 12.6424, 16.4395



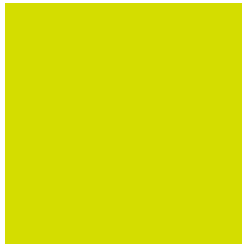
7.6701, 3.0782, 39.9283



0.5146, 0.2085, 2.5876

Previews

White Background



This preview shows how the XYZ color 53.0078, 65.7100, 9.8895 looks on a white background.

Color Contrast Check

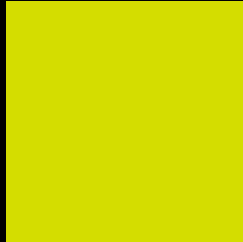
Large Text (above 18pt) WCAG AA × Fail

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 53.0078, 65.7100, 9.8895 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 53.0078, 65.7100, 9.8895

Background



This preview shows how black text looks on a background with the XYZ color 53.0078, 65.7100, 9.8895.

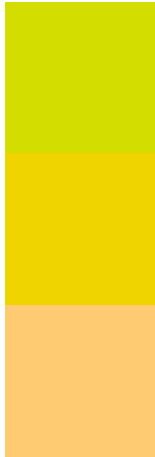


This preview shows how white text looks on a background with the XYZ color 53.0078, 65.7100,

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

53.0078, 65.7100, 9.8895

Protanopia

59.1401, 65.4377, 9.5137

Deuteranopia

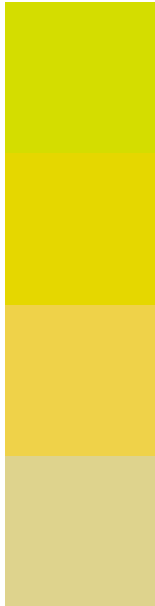
65.6332, 65.1868, 25.0427



Tritanopia

66.6947, 65.2675, 78.1899

Trichromacy



Original Color

53.0078, 65.7100, 9.8895

Protanomaly

56.6135, 65.2589, 9.6124

Deuteranomaly

59.8458, 64.9249, 15.6809

Tritanomaly

58.2262, 64.0412, 34.4916

Monochromacy



Original Color

53.0078, 65.7100, 9.8895

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

48.7505, 56.4213, 27.0599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0078, 65.7100, 9.8895 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(212, 221, 0)` looks like.

```
.text, #text, p{  
    color:rgb(212, 221, 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(212, 221, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 221, 0) }
```

Border

The CSS property to change the border of an element to XYZ 53.0078, 65.7100, 9.8895 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(212, 221, 0) }
```


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

```
.border{ border-color:rgb(212, 221, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 221, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 221, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 221, 0);  
box-shadow:4px 4px 4px 4px rgb(212, 221,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0078, 65.7100, 9.8895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 221, 0) }
```

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

```
.background{ background-color: rgb(212,  
221, 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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