

Converting Colors

XYZ(52.8895, 61.9436, 28.5543)

Have a look what the booklet for
XYZ(52.8895, 61.9436, 28.5543)
contains.

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Color

**XYZ(52.6988, 61.6894,
28.5318)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>CED47D</code>
RGB	206, 212, 125
RGB Percent	81%, 83%, 49%
CMY	0.1922, 0.1686, 0.5098
CMYK	0.03, 0.00, 0.41, 0.17
HSL	64°, 50%, 66%
HSV	64°, 41%, 83%
XYZ	52.6988, 61.6894, 28.5318
YIQ	200.2880, 24.3510, -28.3290

Conversions

Conversions Part 2

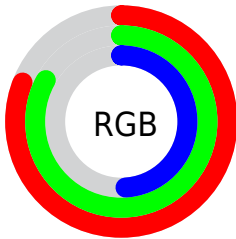
Format	Color
RYB	125, 212, 131
Decimal	13554813
CIELab	82.75, -14.88, 42.27
CIELCh	83, 44.813, 109.387
Yxy	61.6894, 0.3687, 0.4316
Android (android.graphics.Color)	4291744893 (0xFFCED47D)
YUV	200.2880, -37.1170, 5.0094
Hunter-Lab	78.5426, -17.6835, 33.4418

Details

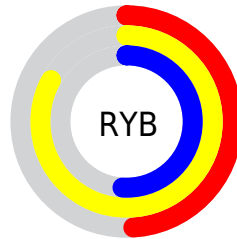
The XYZ color **52.6988, 61.6894, 28.5318** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.5795, 24.2475, 65.4648**, and the grayscale version is **55.2898, 58.1692, 63.3462**.

A 20% lighter version of the original color is **85.1367, 96.0347, 56.6972**, and **26.0406, 31.4322, 11.1731** is the 20% darker color. If you saturate the color by 10%, you get **51.0827, 60.9985, 22.1256**, and if you desaturate by 10%, it is **54.6108, 62.5035, 36.4631**.

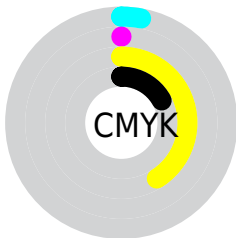
Distribution



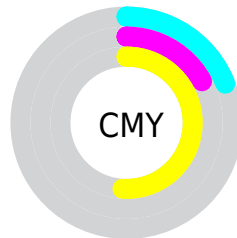
- Red (81%)
- Green (83%)
- Blue (49%)



- Red (49%)
- Yellow (83%)
- Blue (51%)



- Cyan (3%)
- Magenta (0%)
- Yellow (41%)
- Black (17%)




- Cyan (19%)
- Magenta (17%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6988, 61.6894, 28.5318 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 52.6988, 61.6894, 28.5318 by changing the saturation by 10% instead.


 52.6988, 61.6894,
28.5318

 52.6988, 61.6894,
28.5318


387.4083,
430.7972, 308.9909


 37.7889, 44.7818,
18.4844


 93.3291, 107.2765,
58.3657

 25.9954, 31.2856,
11.1253


 119.7803,
136.7248, 78.9892

 16.9528, 20.8164,
6.0359

 150.8092,
171.1220, 103.9752

 10.2960, 12.9899,
2.7978

186.7813,
210.8527, 133.7422

 5.6594, 7.4216,
0.9923

228.0619,
256.3012, 168.7087

 2.6778, 3.7271,
0.0000

275.0164,

 0.9857, 1.5221,

307.8518, 209.2933

0.0000

328.0100,
365.8890, 255.9145

■ 0.0000, 0.3042,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.6988, 61.6894,
28.5318

■ 52.6988, 61.6894,
28.5318

■ 51.0827, 60.9985,
22.1256

■ 54.6108, 62.5035,
36.4631

■ 49.7395, 60.4149,
17.1429


■ 56.8310, 63.4392,
46.0049


■ 48.6498, 59.9331,
13.4759


■ 59.3768, 64.5055,
57.2405


■ 47.7900, 59.5438,
10.9997

■ 62.2625, 65.7083,
70.2467


 47.1317, 59.2355,
9.5656


 65.5019, 67.0530,
85.0954

 46.6684, 59.0103,
8.9304

 69.1079, 68.5447,
101.8546

 69.9856, 68.9456,
104.2269

 70.4206, 69.1698,
104.2473

 70.8593, 69.3960,
104.2678

Harmonies

Analogous

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



62.1114, 61.6894, 27.3615



52.6988, 61.6894, 28.5318



45.6690, 61.6894, 38.2213

Triad

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



52.6988, 61.6894, 28.5318



47.3859, 61.6894, 116.0128



78.7854, 61.6894, 77.4191

Complementary

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



52.6988, 61.6894, 28.5318



28.5795, 24.2475, 65.4648

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.



73.8461, 61.6894, 107.9482



52.6988, 61.6894, 28.5318



55.2887, 61.6894, 133.9506

Square

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



52.6988, 61.6894, 28.5318



42.8419, 61.6894, 86.3582



64.9987, 61.6894, 130.6509



77.8959, 61.6894, 51.0568

Rectangle

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



52.6988, 61.6894, 28.5318



42.9520, 61.6894, 50.1734



64.9987, 61.6894, 130.6509



77.7322, 61.6894, 87.6258

Sweetspot

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



52.7003, 61.6922, 28.5331



89.7361, 97.7852, 84.9506



38.9446, 31.6582, 23.4610



19.0933, 20.8824, 17.6765



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.



52.7003, 61.6922, 28.5331



77.9306, 92.7939, 34.9403



42.2903, 56.3256, 28.0459



13.3843, 14.4743, 13.2491



28.8441, 36.4460, 5.5145



1.7657, 2.2116, 0.3338

Inverse Universe

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



28.5795, 24.2475, 65.4648



36.6324, 28.6595, 98.2088



36.7417, 28.4553, 65.8468



11.8212, 12.0492, 15.6402



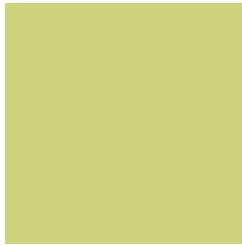
7.4851, 3.0112, 38.6399



0.4799, 0.1963, 2.3319

Previews

White Background



This preview shows how the XYZ color 52.6988, 61.6894, 28.5318 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 52.6988, 61.6894, 28.5318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

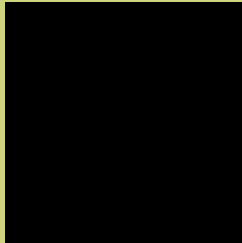
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6988, 61.6894, 28.5318

Background



This preview shows how black text looks on a background with the XYZ color 52.6988, 61.6894, 28.5318.



This preview shows how white text looks on a background with the XYZ color 52.6988, 61.6894,

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

52.6988, 61.6894, 28.5318

Protanopia

56.6978, 61.5802, 27.6368

Deuteranopia

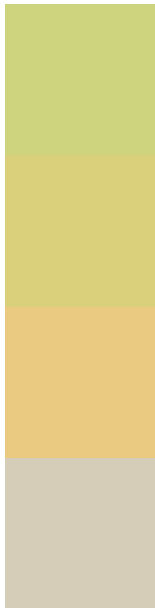
62.9956, 61.6572, 29.3497



Tritanopia

62.0263, 61.5348, 74.2539

Trichromacy



Original Color

52.6988, 61.6894, 28.5318

Protanomaly

55.1074, 61.4724, 28.0297

Deuteranomaly

58.6211, 61.1232, 29.1304

Tritanomaly

57.9236, 61.2695, 54.1207

Monochromacy



Original Color

52.6988, 61.6894, 28.5318

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.4928, 58.7594, 48.0575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6988, 61.6894, 28.5318 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(206, 212, 125)` looks like.

```
.text, #text, p{  
    color:rgb(206, 212, 125)  
}
```

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(206, 212, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 212, 125) }
```

Border

The CSS property to change the border of an element to XYZ 52.6988, 61.6894, 28.5318 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(206, 212, 125) }
```


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

```
.border{ border-color:rgb(206, 212, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 212, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 212, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 212, 125);  
box-shadow:4px 4px 4px 4px rgb(206, 212,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6988, 61.6894, 28.5318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 212, 125) }
```

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

```
.background{ background-color: rgb(206,  
212, 125) }
```

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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