

Converting Colors

XYZ(54.4626, 64.0271, 15.7066)

Have a look what the booklet for
XYZ(54.4626, 64.0271, 15.7066)
contains.

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Color

**XYZ(54.4165, 63.9873,
15.7861)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD749
RGB	218, 215, 73
RGB Percent	85%, 84%, 29%
CMY	0.1451, 0.1568, 0.7137
CMYK	0.00, 0.01, 0.67, 0.15
HSL	59°, 66%, 57%
HSV	59°, 67%, 85%
XYZ	54.4165, 63.9873, 15.7861
YIQ	199.7090, 47.3700, -43.5260

Conversions

Conversions Part 2

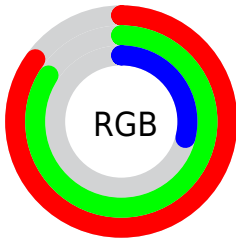
Format	Color
RYB	76, 218, 73
Decimal	14341961
CIELab	83.96, -15.68, 67.28
CIELCh	84, 69.079, 103.120
Yxy	63.9873, 0.4055, 0.4768
Android (android.graphics.Color)	4292532041 (0xFFDAD749)
YUV	199.7090, -62.4675, 16.0412
Hunter-Lab	79.9921, -18.5572, 44.2938

Details

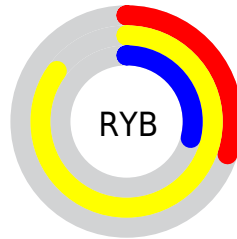
The XYZ color **54.4165, 63.9873, 15.7861** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **17.9872, 11.6473, 67.6295**, and the grayscale version is **55.0739, 57.9420, 63.0989**.

A 20% lighter version of the original color is **80.9624, 94.3650, 34.7160**, and **27.2421, 32.9633, 4.9267** is the 20% darker color. If you saturate the color by 10%, you get **53.7028, 63.5211, 12.5861**, and if you desaturate by 10%, it is **55.3867, 64.5614, 20.3224**.

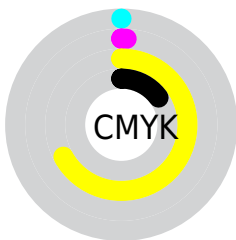
Distribution



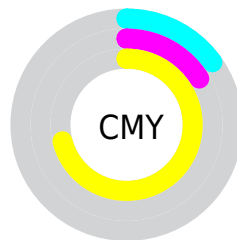
- Red (85%)
- Green (84%)
- Blue (29%)



- Red (30%)
- Yellow (85%)
- Blue (29%)



- Cyan (0%)
- Magenta (1%)
- Yellow (67%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4165, 63.9873, 15.7861 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 54.4165, 63.9873, 15.7861 by changing the saturation by 10% instead.

■ 54.4165, 63.9873,
15.7861

■ 54.4165, 63.9873,
15.7861

393.8688,
439.1438, 239.8787

■ 39.1667, 46.6404,
9.2202

■ 95.8388, 110.5926,
36.9881

■ 27.0708, 32.7515,
4.7863

■ 122.7421,
140.6199, 52.4612

■ 17.7632, 21.9361,
2.0659

■ 154.2606,
175.6427, 71.7406

■ 10.8788, 13.8100,
0.5954

■ 190.7597,
216.0454, 95.2446

■ 6.0521, 7.9886,
0.0000

■ 232.6047,
262.2125, 123.3919

■ 2.9177, 4.0877,
0.0000

280.1609,

■ 1.1104, 1.7227,

314.5283, 156.6010

0.0000

333.7938,
373.3773, 195.2904

■ 0.0338, 0.4383,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4165, 63.9873,
15.7861

■ 54.4165, 63.9873,
15.7861

■ 53.7028, 63.5211,
12.5861

■ 55.3867, 64.5614,
20.3224

■ 53.2134, 63.1427,
10.5719

■ 56.6328, 65.2440,
26.3165

■ 52.9144, 62.8409,
9.5590

■ 58.1773, 66.0465,
33.8807

■ 52.8331, 62.7450,
9.3264

■ 60.0394, 66.9765,
43.1150

■ 62.2363, 68.0409,
54.1115

■ 64.7843, 69.2463,
66.9554

■ 67.6986, 70.5987,
81.7262

■ 70.9934, 72.1038,
98.4991

■ 72.3097, 72.8181,
104.8519

Harmonies

Analogous

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



69.7135, 63.9873, 16.3207



54.4165, 63.9873, 15.7861



42.9341, 63.9873, 24.6664

Triad

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



54.4165, 63.9873, 15.7861



41.8672, 63.9873, 144.0578



93.3247, 63.9873, 96.9382

Complementary

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



54.4165, 63.9873, 15.7861



17.9872, 11.6473, 67.6295

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.



83.0845, 63.9873, 150.4579



54.4165, 63.9873, 15.7861



52.7134, 63.9873, 184.5195

Square

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



54.4165, 63.9873, 15.7861



36.5458, 63.9873, 90.4712



67.7028, 63.9873, 187.2558



93.9870, 63.9873, 52.3319

Rectangle

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



54.4165, 63.9873, 15.7861



38.2793, 63.9873, 38.2434



67.7028, 63.9873, 187.2558



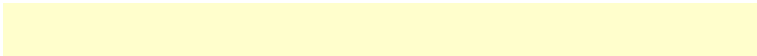
90.8194, 63.9873, 114.8275

Sweetspot

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



54.4180, 63.9903, 15.7874



87.5641, 96.4696, 71.1321



32.6655, 20.2188, 9.3583



18.5524, 20.5564, 14.2748



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.



54.4180, 63.9903, 15.7874



76.2685, 90.3609, 16.5536



38.9135, 57.1396, 15.2823



14.1380, 15.2153, 13.9173



31.6631, 37.6118, 5.5910



2.0588, 2.4517, 0.3647

Inverse Universe

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



17.9872, 11.6473, 67.6295



20.7915, 10.6764, 95.5727



25.9660, 15.4614, 67.9452



12.3601, 12.6600, 16.4443



7.6205, 3.1104, 39.9371



0.5015, 0.2170, 2.5899

Previews

White Background



This preview shows how the XYZ color 54.4165, 63.9873, 15.7861 looks on a white background.

Color Contrast Check

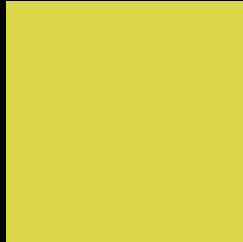
Large Text (above 18pt) WCAG AA × Fail

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 54.4165, 63.9873, 15.7861 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 54.4165, 63.9873, 15.7861

Background



This preview shows how black text looks on a background with the XYZ color 54.4165, 63.9873, 15.7861.



This preview shows how white text looks on a background with the XYZ color 54.4165, 63.9873,

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

54.4165, 63.9873, 15.7861

Protanopia

58.1480, 64.0535, 15.4297

Deuteranopia

64.5481, 63.6301, 22.7897



Tritanopia

66.3660, 63.7720, 74.4570

Trichromacy



Original Color

54.4165, 63.9873, 15.7861

Protanomaly

56.7081, 64.0488, 15.5047

Deuteranomaly

60.5148, 63.3661, 19.8679

Tritanomaly

60.2269, 63.0280, 44.5886

Monochromacy



Original Color

54.4165, 63.9873, 15.7861

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.3962, 59.2611, 39.1961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4165, 63.9873, 15.7861 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(218, 215, 73)` looks like.

```
.text, #text, p{  
    color:rgb(218, 215, 73)  
}
```

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(218, 215, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 215, 73) }
```

Border

The CSS property to change the border of an element to XYZ 54.4165, 63.9873, 15.7861 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(218, 215, 73) }
```


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

```
.border{ border-color:rgb(218, 215, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 215, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 215, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 215, 73);  
box-shadow:4px 4px 4px 4px rgb(218, 215,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4165, 63.9873, 15.7861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 215, 73) }
```

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

```
.background{ background-color: rgb(218,  
215, 73) }
```

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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