

Converting Colors

XYZ(51.5285, 55.0531, 15.9264)

Have a look what the booklet for
XYZ(51.5285, 55.0531, 15.9264)
contains.

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Color

**XYZ(51.5552, 55.0401,
15.8892)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C252
RGB	224, 194, 82
RGB Percent	88%, 76%, 32%
CMY	0.1216, 0.2392, 0.6784
CMYK	0.00, 0.13, 0.63, 0.12
HSL	47°, 70%, 60%
HSV	47°, 63%, 88%
XYZ	51.5552, 55.0401, 15.8892
YIQ	190.2020, 53.8320, -28.4720

Conversions

Conversions Part 2

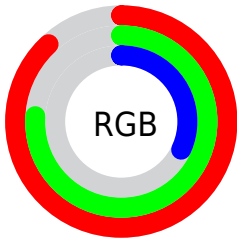
Format	Color
RYB	120, 224, 82
Decimal	14729810
CIELab	79.06, -1.99, 58.61
CIELCh	79, 58.642, 91.945
Yxy	55.0401, 0.4209, 0.4494
Android (android.graphics.Color)	4292919890 (0xFFE0C252)
YUV	190.2020, -53.3436, 29.6408
Hunter-Lab	74.1890, -5.7881, 39.2341

Details

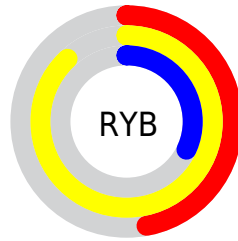
The XYZ color **51.5552, 55.0401, 15.8892** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **22.7282, 18.7633, 72.9442**, and the grayscale version is **49.3375, 51.9069, 56.5266**.

A 20% lighter version of the original color is **79.8695, 91.4088, 36.7266**, and **25.2174, 27.1193, 4.8251** is the 20% darker color. If you saturate the color by 10%, you get **49.8021, 52.6827, 11.7641**, and if you desaturate by 10%, it is **53.6225, 57.5810, 21.4924**.

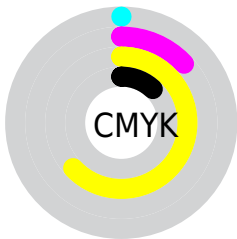
Distribution



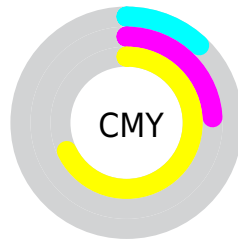
- Red (88%)
- Green (76%)
- Blue (32%)



- Red (47%)
- Yellow (88%)
- Blue (32%)



- Cyan (0%)
- Magenta (13%)
- Yellow (63%)
- Black (12%)



- Cyan (12%)
- Magenta (24%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5552, 55.0401, 15.8892 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 51.5552, 55.0401, 15.8892 by changing the saturation by 10% instead.

■ 51.5552, 55.0401,
15.8892

■ 51.5552, 55.0401,
15.8892

383.0692,
406.0639, 240.5104

■ 36.8735, 39.4338,
9.2923

■ 91.6530, 97.5997,
37.1699

■ 25.2828, 27.0974,
4.8329

■ 117.7999,
125.3218, 52.6907

■ 16.4177, 17.6464,
2.0925

■ 148.4991,
157.8514, 72.0232

■ 9.9129, 10.6964,
0.6113

■ 184.1162,
195.5727, 95.5860

■ 5.4031, 5.8631,
0.0000

■ 225.0164,
238.8702, 123.7975

■ 2.5228, 2.7620,
0.0000

271.5650,

■ 0.9068, 1.0088,

288.1283, 157.0764

0.0000

324.1275,
343.7314, 195.8412

■ 0.0000, 0.0000,
0.0000

■ 51.5552, 55.0401,
15.8892

■ 51.5552, 55.0401,
15.8892

■ 49.8021, 52.6827,
11.7641

■ 53.6225, 57.5810,
21.4924

■ 48.3309, 50.4892,
8.9651

■ 56.0250, 60.3081,
28.6993

■ 47.1084, 48.4477,
7.3131

■ 58.7860, 63.2331,
37.6257

■ 46.4002, 47.1672,
6.6586

■ 61.9256, 66.3647,
48.3760

■ 65.4623, 69.7106,
61.0459

■ 69.4133, 73.2783,
75.7248

■ 73.7946, 77.0746,
92.4962

■ 77.6067, 80.7002,
106.0941

■ 78.9555, 83.3977,
106.5437

Harmonies

Analogous

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



63.6044, 55.0401, 19.1997



51.5552, 55.0401, 15.8892



41.3071, 55.0401, 20.2404

Triad

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



51.5552, 55.0401, 15.8892



35.4759, 55.0401, 100.8141



74.7441, 55.0401, 95.5585

Complementary

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



51.5552, 55.0401, 15.8892



22.7282, 18.7633, 72.9442

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.



65.1207, 55.0401, 132.7610



51.5552, 55.0401, 15.8892



42.4456, 55.0401, 136.5065

Square

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



51.5552, 55.0401, 15.8892



32.9240, 55.0401, 62.1396



53.0801, 55.0401, 149.9453



78.1253, 55.0401, 57.7721

Rectangle

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



51.5552, 55.0401, 15.8892



36.5462, 55.0401, 28.3803



53.0801, 55.0401, 149.9453



72.0678, 55.0401, 108.9677

Sweetspot

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



51.5565, 55.0427, 15.8903



85.0292, 90.9064, 71.8086



36.7254, 23.0693, 18.0719



17.9145, 19.1849, 14.3575



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.



51.5565, 55.0427, 15.8903



66.1506, 69.7250, 14.4149



47.8899, 64.0817, 17.8283



14.6132, 15.5123, 14.5308



27.0947, 27.6273, 3.9046



1.9403, 2.0395, 0.2914

Inverse Universe

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



22.7282, 18.7633, 72.9442



24.7515, 17.7478, 96.7289



24.5314, 15.5717, 72.2331



13.1855, 13.7101, 17.3391



8.4982, 4.4660, 41.4625



0.6539, 0.4393, 2.8956

Previews

White Background



This preview shows how the XYZ color 51.5552, 55.0401, 15.8892 looks on a white background.

Color Contrast Check

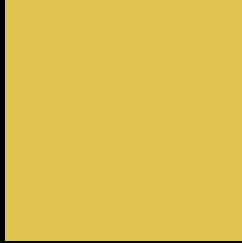
Large Text (above 18pt) WCAG AA × Fail

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 51.5552, 55.0401, 15.8892 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 51.5552, 55.0401, 15.8892

Background



This preview shows how black text looks on a background with the XYZ color 51.5552, 55.0401, 15.8892.



This preview shows how white text looks on a background with the XYZ color 51.5552, 55.0401,

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

51.5552, 55.0401, 15.8892

Protanopia

50.2147, 55.0098, 16.1550

Deuteranopia

56.1213, 54.8126, 16.0095



Tritanopia

60.6234, 54.9338, 59.6326

Trichromacy



Original Color

51.5552, 55.0401, 15.8892

Protanomaly

50.5916, 54.8704, 16.1082

Deuteranomaly

54.3510, 54.8526, 15.9066

Tritanomaly

56.1084, 54.3074, 38.5355

Monochromacy



Original Color

51.5552, 55.0401, 15.8892

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.5738, 52.0525, 36.7652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5552, 55.0401, 15.8892 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(224, 194, 82)` looks like.

```
.text, #text, p{  
    color:rgb(224, 194, 82)  
}
```

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(224, 194, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 194, 82) }
```

Border

The CSS property to change the border of an element to XYZ 51.5552, 55.0401, 15.8892 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(224, 194, 82) }
```


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

```
.border{ border-color:rgb(224, 194, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 194, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 194, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 194, 82);  
box-shadow:4px 4px 4px 4px rgb(224, 194,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5552, 55.0401, 15.8892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 194, 82) }
```

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

```
.background{ background-color: rgb(224,  
194, 82) }
```

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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