

Converting Colors

XYZ(52.6056, 62.0604, 15.6329)

Have a look what the booklet for
XYZ(52.6056, 62.0604, 15.6329)
contains.

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Color

**XYZ(52.5111, 61.8775,
15.6545)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D44A
RGB	214, 212, 74
RGB Percent	84%, 83%, 29%
CMY	0.1608, 0.1686, 0.7098
CMYK	0.00, 0.01, 0.65, 0.16
HSL	59°, 63%, 56%
HSV	59°, 65%, 84%
XYZ	52.5111, 61.8775, 15.6545
YIQ	196.8660, 45.4900, -42.4940

Conversions

Conversions Part 2

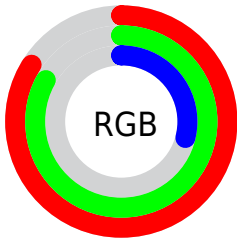
Format	Color
RYB	76, 214, 74
Decimal	14079050
CIELab	82.85, -15.80, 65.65
CIElCh	83, 67.527, 103.528
Yxy	61.8775, 0.4038, 0.4758
Android (android.graphics.Color)	4292269130 (0xFFD6D44A)
YUV	196.8660, -60.5729, 15.0265
Hunter-Lab	78.6623, -18.5010, 43.2643

Details

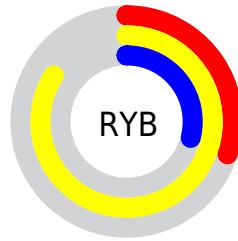
The XYZ color **52.5111, 61.8775, 15.6545** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **17.5463, 11.4797, 64.9091**, and the grayscale version is **53.3264, 56.1035, 61.0967**.

A 20% lighter version of the original color is **80.9624, 94.3650, 34.7160**, and **25.9426, 31.5238, 4.7461** is the 20% darker color. If you saturate the color by 10%, you get **51.8338, 61.4871, 12.4569**, and if you desaturate by 10%, it is **53.4366, 62.3720, 20.1457**.

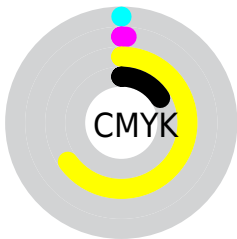
Distribution



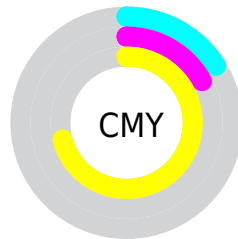
- Red (84%)
- Green (83%)
- Blue (29%)



- Red (30%)
- Yellow (84%)
- Blue (29%)



- Cyan (0%)
- Magenta (1%)
- Yellow (65%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5111, 61.8775, 15.6545 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 52.5111, 61.8775, 15.6545 by changing the saturation by 10% instead.

■ 52.5111, 61.8775,
15.6545

■ 52.5111, 61.8775,
15.6545

386.6982,
431.4841, 239.0700

■ 37.6385, 44.9337,
9.1283

■ 93.0543, 107.5485,
36.7558

■ 25.8782, 31.4052,
4.7270

■ 119.4557,
137.0444, 52.1679

■ 16.8647, 20.9076,
2.0321

■ 150.4308,
171.4933, 71.3791

■ 10.2328, 13.0565,
0.5749

■ 186.3448,
211.2794, 94.8079

■ 5.6170, 7.4675,
0.0000

■ 227.5632,
256.7871, 122.8729

■ 2.6521, 3.7561,
0.0000

274.4514,

■ 0.9726, 1.5381,

308.4009, 155.9925

0.0000

327.3746,
366.5051, 194.5853

■ 0.0000, 0.3153,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.5111, 61.8775,
15.6545

■ 52.5111, 61.8775,
15.6545

■ 51.8338, 61.4871,
12.4569

■ 53.4366, 62.3720,
20.1457

■ 51.3743, 61.1817,
10.4120

■ 54.6284, 62.9710,
26.0448

■ 51.1021, 60.9515,
9.3530

■ 56.1079, 63.6853,
33.4577

■ 51.0137, 60.8606,
9.0586

■ 57.8929, 64.5220,
42.4793

■ 60.0001, 65.4879,
53.1965

■ 62.4448, 66.5889,
65.6902

■ 65.2413, 67.8309,
80.0360

■ 68.4032, 69.2194,
96.3052

■ 70.0180, 69.9891,
104.4267

Harmonies

Analogous

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



67.1033, 61.8775, 16.0605



52.5111, 61.8775, 15.6545



41.5798, 61.8775, 24.3927

Triad

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



52.5111, 61.8775, 15.6545



40.7788, 61.8775, 138.9485



89.9102, 61.8775, 92.7287

Complementary

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



52.5111, 61.8775, 15.6545



17.5463, 11.4797, 64.9091

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.



80.2498, 61.8775, 143.7163



52.5111, 61.8775, 15.6545



51.2347, 61.8775, 177.0474

Square

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



52.5111, 61.8775, 15.6545



35.5994, 61.8775, 87.8972



65.5993, 61.8775, 179.0832



90.4046, 61.8775, 50.3234

Rectangle

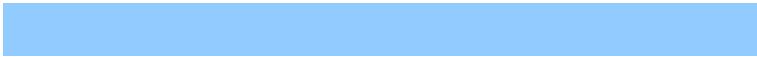
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.5111, 61.8775, 15.6545



37.1647, 61.8775, 37.6093



65.5993, 61.8775, 179.0832



87.5632, 61.8775, 109.7491

Sweetspot

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



52.5125, 61.8804, 15.6558



87.6678, 96.6771, 71.1667



31.4968, 19.7208, 9.0456



18.5777, 20.6070, 14.2832



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.



52.5125, 61.8804, 15.6558



76.7468, 91.2251, 16.9981



37.1964, 54.7292, 15.0827



13.4570, 14.4882, 13.2479



30.8416, 36.8004, 5.4777



1.8652, 2.2296, 0.3320

Inverse Universe

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



17.5463, 11.4797, 64.9091



20.9819, 10.8610, 95.5983



25.6852, 15.4747, 65.2512



11.7567, 12.0367, 15.6412



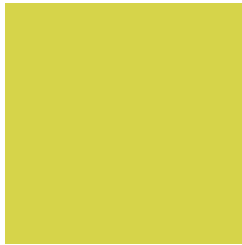
7.3628, 2.9874, 38.6417



0.4492, 0.1904, 2.3324

Previews

White Background



This preview shows how the XYZ color 52.5111, 61.8775, 15.6545 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 52.5111, 61.8775, 15.6545 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 52.5111, 61.8775, 15.6545

Background



This preview shows how black text looks on a background with the XYZ color 52.5111, 61.8775, 15.6545.



This preview shows how white text looks on a background with the XYZ color 52.5111, 61.8775,

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

52.5111, 61.8775, 15.6545

Protanopia

56.1485, 61.9297, 15.2976

Deuteranopia

62.7831, 61.4611, 18.0054



Tritanopia

64.0102, 61.5741, 72.1296

Trichromacy



Original Color

52.5111, 61.8775, 15.6545

Protanomaly

54.7435, 61.9293, 15.3716

Deuteranomaly

58.6559, 61.4064, 17.1486

Tritanomaly

58.0910, 60.8858, 43.3407

Monochromacy



Original Color

52.5111, 61.8775, 15.6545

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.4166, 57.2046, 38.0374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5111, 61.8775, 15.6545 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(214, 212, 74)` looks like.

```
.text, #text, p{  
    color:rgb(214, 212, 74)  
}
```

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(214, 212, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 212, 74) }
```

Border

The CSS property to change the border of an element to XYZ 52.5111, 61.8775, 15.6545 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(214, 212, 74) }
```


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

```
.border{ border-color:rgb(214, 212, 74) }
```

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

Here you see how a box with a 4 pixel rgb(214, 212, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 212, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 212, 74);  
box-shadow:4px 4px 4px 4px rgb(214, 212,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5111, 61.8775, 15.6545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 212, 74) }
```

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

```
.background{ background-color: rgb(214,  
212, 74) }
```

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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