

Converting Colors

XYZ(51.7352, 60.5206, 14.5112)

Have a look what the booklet for
XYZ(51.7352, 60.5206, 14.5112)
contains.

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Color

**XYZ(51.6062, 60.3267,
14.5545)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D145
RGB	214, 209, 69
RGB Percent	84%, 82%, 27%
CMY	0.1608, 0.1804, 0.7294
CMYK	0.00, 0.02, 0.68, 0.16
HSL	58°, 64%, 55%
HSV	58°, 68%, 84%
XYZ	51.6062, 60.3267, 14.5545
YIQ	194.5350, 47.9200, -42.4800

Conversions

Conversions Part 2

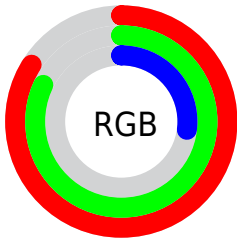
Format	Color
RYB	74, 214, 69
Decimal	14078277
CIELab	82.02, -14.58, 66.73
CIElCh	82, 68.305, 102.322
Yxy	60.3267, 0.4080, 0.4769
Android (android.graphics.Color)	4292268357 (0xFFD6D145)
YUV	194.5350, -61.8888, 17.0708
Hunter-Lab	77.6703, -17.3228, 43.2589

Details

The XYZ color **51.6062, 60.3267, 14.5545** 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 **17.0408, 11.0178, 64.8465**, and the grayscale version is **51.9329, 54.6375, 59.5002**.

A 20% lighter version of the original color is **80.7017, 94.2607, 33.3427**, and **25.4316, 30.5106, 4.5487** is the 20% darker color. If you saturate the color by 10%, you get **50.8782, 59.7491, 11.6049**, and if you desaturate by 10%, it is **52.5773, 61.0074, 18.7679**.

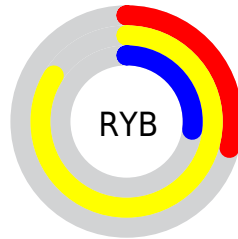
Distribution



Red (84%)

Green (82%)

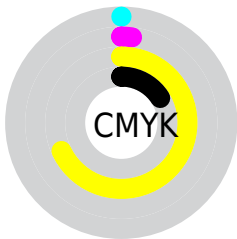
Blue (27%)



Red (29%)

Yellow (84%)

Blue (27%)

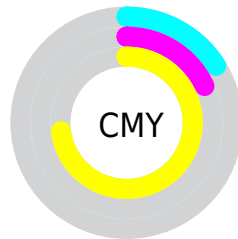


Cyan (0%)

Magenta (2%)

Yellow (68%)

Black (16%)



Cyan (16%)

Magenta (18%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6062, 60.3267, 14.5545 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 51.6062, 60.3267, 14.5545 by changing the saturation by 10% instead.

51.6062, 60.3267,
14.5545

51.6062, 60.3267,
14.5545

383.2634,
425.8009, 232.2008

36.9143, 43.6820,
8.3642

91.7279, 105.3034,
34.8009

25.3145, 30.4206,
4.2378

117.8884,
134.4043, 49.6941

16.4415, 20.1581,
1.7567

148.6024,
168.4260, 68.3253

9.9299, 12.5100,
0.3991

184.2353,
207.7529, 91.1131

5.4144, 7.0920,
0.0000

225.1526,
252.7695, 118.4760

2.5297, 3.5197,
0.0000

271.7194,

0.9102, 1.4087,

303.8601, 150.8325

0.0000

324.3012,
361.4091, 188.6013

■ 0.0000, 0.2231,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.6062, 60.3267,
14.5545

■ 51.6062, 60.3267,
14.5545

■ 50.8782, 59.7491,
11.6049

■ 52.5773, 61.0074,
18.7679

■ 50.3620, 59.2552,
9.7724

■ 53.8104, 61.7920,
24.3632

■ 50.0208, 58.8328,
8.8575

■ 55.3274, 62.6915,
31.4491

■ 49.9545, 58.7422,
8.7055

■ 57.1466, 63.7133,
40.1224

■ 59.2849, 64.8640,
50.4719

■ 61.7579, 66.1499,
62.5798

■ 64.5802, 67.5769,
76.5228

■ 67.7655, 69.1505,
92.3730

■ 70.2449, 70.4431,
104.5023

Harmonies

Analogous

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



66.2054, 60.3267, 15.2714



51.6062, 60.3267, 14.5545



40.5782, 60.3267, 22.6416

Triad

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



51.6062, 60.3267, 14.5545



39.1362, 60.3267, 135.2300



88.1276, 60.3267, 92.9623

Complementary

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



51.6062, 60.3267, 14.5545



17.0408, 11.0178, 64.8465

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.



78.1759, 60.3267, 143.9275



51.6062, 60.3267, 14.5545



49.3013, 60.3267, 174.5482

Square

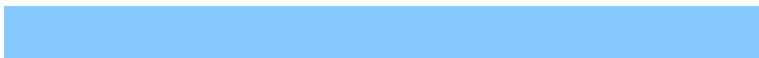
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.6062, 60.3267, 14.5545



34.2341, 60.3267, 84.1910



63.4808, 60.3267, 178.2702



89.0264, 60.3267, 50.1123

Rectangle

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



51.6062, 60.3267, 14.5545



36.0681, 60.3267, 35.2000



63.4808, 60.3267, 178.2702



85.6617, 60.3267, 110.0632

Sweetspot

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



51.6076, 60.3295, 14.5557



87.3413, 96.0240, 71.0579



31.1732, 19.0782, 8.9234



18.4981, 20.4478, 14.2567



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.



51.6076, 60.3295, 14.5557



75.3152, 88.5419, 15.9660



37.4700, 54.8889, 14.2507



13.4345, 14.4431, 13.2404



30.2109, 35.5390, 5.2674



1.8339, 2.1670, 0.3216

Inverse Universe

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



17.0408, 11.0178, 64.8465



20.6834, 10.6456, 95.5724



24.1377, 14.2009, 65.0869



11.7766, 12.0765, 15.6478



7.4003, 3.0623, 38.6542



0.4587, 0.2094, 2.3356

Previews

White Background



This preview shows how the XYZ color 51.6062, 60.3267, 14.5545 looks on a white background.

Color Contrast Check

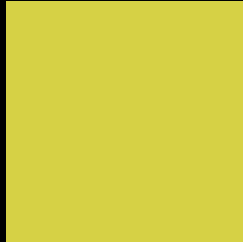
Large Text (above 18pt) WCAG AA × Fail

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 51.6062, 60.3267, 14.5545 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 51.6062, 60.3267, 14.5545

Background



This preview shows how black text looks on a background with the XYZ color 51.6062, 60.3267, 14.5545.



This preview shows how white text looks on a background with the XYZ color 51.6062, 60.3267,

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

51.6062, 60.3267, 14.5545

Protanopia

54.6312, 60.0971, 14.1894

Deuteranopia

61.4009, 60.1488, 14.8523



Tritanopia

62.6370, 59.9021, 69.8890

Trichromacy



Original Color

51.6062, 60.3267, 14.5545

Protanomaly

53.5461, 60.2479, 14.2757

Deuteranomaly

57.1897, 59.6654, 14.6333

Tritanomaly

57.0365, 59.3414, 41.2488

Monochromacy



Original Color

51.6062, 60.3267, 14.5545

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.4362, 56.0350, 36.5913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6062, 60.3267, 14.5545 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, 209, 69)` looks like.

```
.text, #text, p{  
    color:rgb(214, 209, 69)  
}
```

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, 209, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 209, 69) }
```

Border

The CSS property to change the border of an element to XYZ 51.6062, 60.3267, 14.5545 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, 209, 69) }
```


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

```
.border{ border-color:rgb(214, 209, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 209, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 209, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 209, 69);  
box-shadow:4px 4px 4px 4px rgb(214, 209,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6062, 60.3267, 14.5545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 209, 69) }
```

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

```
.background{ background-color: rgb(214,  
209, 69) }
```

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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