

Converting Colors

XYZ(53.2369, 61.2072, 29.4286)

Have a look what the booklet for
XYZ(53.2369, 61.2072, 29.4286)
contains.

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Color

**XYZ(53.2374, 61.2070,
29.4303)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D280
RGB	209, 210, 128
RGB Percent	82%, 82%, 50%
CMY	0.1804, 0.1764, 0.4980
CMYK	0.00, 0.00, 0.39, 0.18
HSL	61°, 48%, 66%
HSV	61°, 39%, 82%
XYZ	53.2374, 61.2070, 29.4303
YIQ	200.3530, 25.7260, -25.7140

Conversions

Conversions Part 2

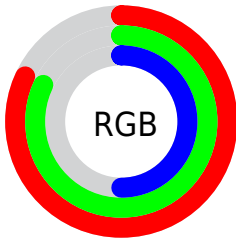
Format	Color
RYB	128, 210, 129
Decimal	13750912
CIELab	82.49, -12.37, 40.50
CIELCh	82, 42.344, 106.983
Yxy	61.2070, 0.3700, 0.4254
Android (android.graphics.Color)	4291940992 (0xFFD1D280)
YUV	200.3530, -35.6700, 7.5834
Hunter-Lab	78.2349, -15.4451, 32.4608

Details

The XYZ color **53.2374, 61.2070, 29.4303** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.4075, 24.7601, 64.2583**, and the grayscale version is **55.3207, 58.2017, 63.3817**.

A 20% lighter version of the original color is **85.4435, 96.1574, 58.3128**, and **26.3649, 31.0851, 11.6316** is the 20% darker color. If you saturate the color by 10%, you get **51.9236, 60.6753, 22.8853**, and if you desaturate by 10%, it is **54.8404, 61.8588, 37.4845**.

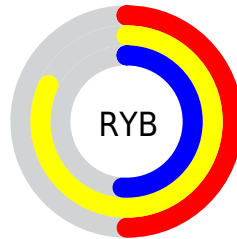
Distribution



Red (82%)

Green (82%)

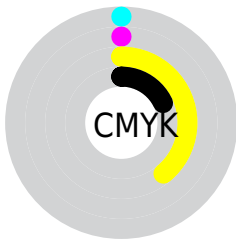
Blue (50%)



Red (50%)

Yellow (82%)

Blue (51%)

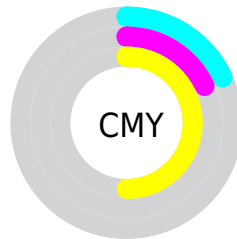


Cyan (0%)

Magenta (0%)

Yellow (39%)

Black (18%)



Cyan (18%)

Magenta (18%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2374, 61.2070, 29.4303 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 53.2374, 61.2070, 29.4303 by changing the saturation by 10% instead.

■ 53.2374, 61.2070,
29.4303

■ 53.2374, 61.2070,
29.4303

389.4412,
429.0326, 313.3641

■ 38.2206, 44.3922,
19.1582

■ 94.1171, 106.5786,
59.8104

■ 26.3319, 30.9790,
11.6067

■ 120.7106,
135.9042, 80.7554

■ 17.2061, 20.5829,
6.3572

■ 151.8938,
170.1689, 106.0952

■ 10.4777, 12.8194,
2.9912

188.0319,
209.7571, 136.2483

■ 5.7815, 7.3043,
1.0901

229.4904,
255.0532, 171.6332

■ 2.7521, 3.6531,
0.0000

276.6345,

■ 1.0241, 1.4815,

306.4415, 212.6684

0.0000

329.8297,
364.3065, 259.7725

■ 0.0000, 0.2756,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.2374, 61.2070,
29.4303

■ 53.2374, 61.2070,
29.4303

■ 51.9236, 60.6753,
22.8853

■ 54.8404, 61.8588,
37.4845

■ 50.8768, 60.2481,
17.7519


■ 56.7444, 62.6288,
47.1298


■ 50.0786, 59.9205,
13.9275


■ 58.9660, 63.5259,
58.4464


■ 49.5066, 59.6833,
11.2936

■ 61.5191, 64.5556,
71.5085


 49.1343, 59.5260,
9.7106


 64.4169, 65.7232,
86.3853


 48.9184, 59.4313,
8.9505

 67.6720, 67.0338,
103.1428

 48.9006, 59.4234,
8.8925

 67.9053, 67.1356,
103.9872

 67.9790, 67.1736,
103.9907

 68.0529, 67.2117,
103.9941

Harmonies

Analogous

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



62.1851, 61.2070, 28.9154



53.2374, 61.2070, 29.4303



46.3532, 61.2070, 38.0901

Triad

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



53.2374, 61.2070, 29.4303



47.0893, 61.2070, 110.1456



76.8377, 61.2070, 78.5157

Complementary

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



53.2374, 61.2070, 29.4303



28.4075, 24.7601, 64.2583

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.



71.8541, 61.2070, 106.7700



53.2374, 61.2070, 29.4303



54.3419, 61.2070, 127.9751

Square

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



53.2374, 61.2070, 29.4303



43.0643, 61.2070, 82.2927



63.4097, 61.2070, 126.6003



76.4630, 61.2070, 53.1167

Rectangle

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



53.2374, 61.2070, 29.4303



43.5792, 61.2070, 48.9894



63.4097, 61.2070, 126.6003



75.7135, 61.2070, 88.0998

Sweetspot

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



53.2389, 61.2098, 29.4316



90.3710, 98.1125, 84.9803



38.1958, 30.7000, 24.3354



19.2439, 20.9600, 17.6836



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.



53.2389, 61.2098, 29.4316



80.8452, 94.2559, 36.9093



43.3074, 56.0899, 28.9668



12.7885, 13.7899, 12.5997



29.8336, 36.2488, 5.4243



1.6728, 2.0292, 0.3035

Inverse Universe

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



28.4075, 24.7601, 64.2583



36.9891, 29.8761, 98.4249



35.7160, 28.5278, 64.6003



11.1769, 11.4245, 14.8597



7.1217, 2.8517, 37.3676



0.4030, 0.1619, 2.0896

Previews

White Background



This preview shows how the XYZ color 53.2374, 61.2070, 29.4303 looks on a white background.

Color Contrast Check

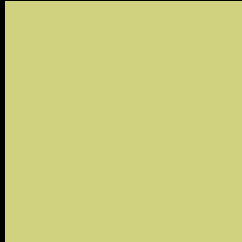
Large Text (above 18pt) WCAG AA × Fail

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 53.2374, 61.2070, 29.4303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

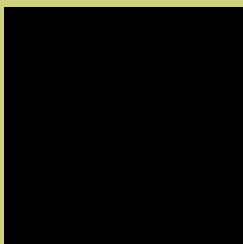
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

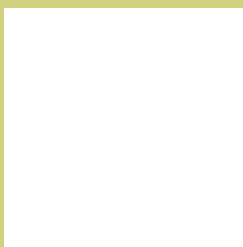
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2374, 61.2070, 29.4303

Background



This preview shows how black text looks on a background with the XYZ color 53.2374, 61.2070, 29.4303.



This preview shows how white text looks on a background with the XYZ color 53.2374, 61.2070,

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

53.2374, 61.2070, 29.4303

Protanopia

56.3377, 61.0163, 28.5467

Deuteranopia

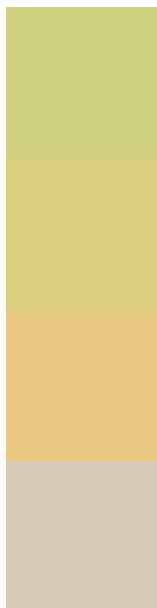
62.1944, 60.8927, 29.9482



Tritanopia

62.1334, 61.2749, 72.8424

Trichromacy



Original Color

53.2374, 61.2070, 29.4303

Protanomaly

55.3570, 61.2180, 28.9773

Deuteranomaly

58.5202, 60.7086, 29.7527

Tritanomaly

58.1644, 61.0517, 53.5183

Monochromacy



Original Color

53.2374, 61.2070, 29.4303

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.8614, 58.9382, 48.5818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2374, 61.2070, 29.4303 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(209, 210, 128)` looks like.

```
.text, #text, p{  
    color:rgb(209, 210, 128)  
}
```

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(209, 210, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 210, 128) }
```

Border

The CSS property to change the border of an element to XYZ 53.2374, 61.2070, 29.4303 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(209, 210, 128) }
```


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

```
.border{ border-color:rgb(209, 210, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 210, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 210, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 210, 128);  
box-shadow:4px 4px 4px 4px rgb(209, 210,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2374, 61.2070, 29.4303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 210, 128) }
```

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

```
.background{ background-color: rgb(209,  
210, 128) }
```

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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