

Converting Colors

XYZ(54.6370, 59.0224, 31.0670)

Have a look what the booklet for
XYZ(54.6370, 59.0224, 31.0670)
contains.

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Color

**XYZ(54.6370, 59.0224,
31.0670)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCA86
RGB	219, 202, 134
RGB Percent	86%, 79%, 53%
CMY	0.1412, 0.2078, 0.4745
CMYK	0.00, 0.08, 0.39, 0.14
HSL	48°, 54%, 69%
HSV	48°, 39%, 86%
XYZ	54.6370, 59.0224, 31.0670
YIQ	199.3310, 31.9600, -17.5440

Conversions

Conversions Part 2

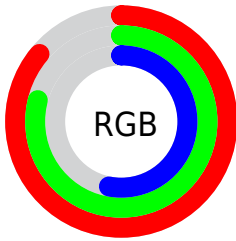
Format	Color
RYB	155, 219, 134
Decimal	14404230
CIELab	81.30, -3.68, 36.10
CIELCh	81, 36.285, 95.814
Yxy	59.0224, 0.3775, 0.4078
Android (android.graphics.Color)	4292594310 (0xFFDBCA86)
YUV	199.3310, -32.2082, 17.2497
Hunter-Lab	76.8260, -7.5003, 29.8025

Details

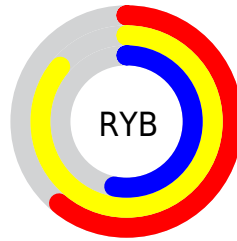
The XYZ color **54.6370, 59.0224, 31.0670** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.6839, 32.3149, 71.4797**, and the grayscale version is **54.6676, 57.5146, 62.6334**.

A 20% lighter version of the original color is **86.0771, 96.4108, 61.6494**, and **27.2555, 29.5909, 12.4587** is the 20% darker color. If you saturate the color by 10%, you get **52.2527, 56.4501, 23.5010**, and if you desaturate by 10%, it is **57.3698, 61.7849, 40.3110**.

Distribution



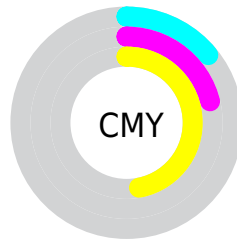
- Red (86%)
- Green (79%)
- Blue (53%)



- Red (61%)
- Yellow (86%)
- Blue (53%)



- Cyan (0%)
- Magenta (8%)
- Yellow (39%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6370, 59.0224, 31.0670 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 54.6370, 59.0224, 31.0670 by changing the saturation by 10% instead.

■ 54.6370, 59.0224,
31.0670

■ 54.6370, 59.0224,
31.0670

394.6933,
420.9849, 321.2076

■ 39.3439, 42.6312,
20.3910

■ 96.1603, 103.4102,
62.4264

■ 27.2093, 29.5958,
12.4927

■ 123.1212,
132.1756, 83.9468

■ 17.8678, 19.5320,
6.9535

■ 154.7021,
165.8344, 109.9191

■ 10.9543, 12.0553,
3.3551

191.2683,
204.7712, 140.7618

■ 6.1032, 6.7814,
1.2787

233.1851,
249.3702, 176.8934

■ 2.9492, 3.3257,
0.0442

280.8180,

■ 1.1269, 1.3041,

300.0159, 218.7326

0.0000

334.5323,
357.0927, 266.6978

■ 0.0475, 0.1444,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.6370, 59.0224,
31.0670

■ 54.6370, 59.0224,
31.0670

■ 52.2527, 56.4501,
23.5010

■ 57.3698, 61.7849,
40.3110

■ 50.1924, 54.0517,
17.5056


■ 60.4648, 64.7373,
51.3240


■ 48.4357, 51.8204,
12.9668


■ 63.9404, 67.8892,
64.1950


■ 46.9573, 49.7461,
9.7536


■ 67.8123, 71.2475,
79.0059


 45.7276, 47.8163,
7.7112


 72.0953, 74.8183,
95.8335


 44.7009, 46.0124,
6.6000

 75.0831, 77.9195,
105.6904

 44.5851, 45.8035,
6.4911

 76.3049, 80.3631,
106.0977

 77.5575, 82.8682,
106.5152

 78.8410, 85.4353,
106.9430

Harmonies

Analogous

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



62.2782, 59.0224, 33.2382



54.6370, 59.0224, 31.0670



48.0032, 59.0224, 36.0348

Triad

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



54.6370, 59.0224, 31.0670



45.1009, 59.0224, 91.8841



70.4568, 59.0224, 82.9080

Complementary

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



54.6370, 59.0224, 31.0670



33.6839, 32.3149, 71.4797

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.



65.0575, 59.0224, 104.3574



54.6370, 59.0224, 31.0670



50.3427, 59.0224, 110.3025

Square

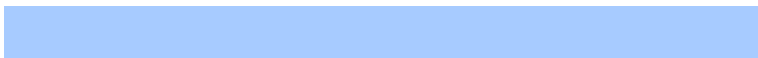
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.6370, 59.0224, 31.0670



42.8248, 59.0224, 68.5826



57.5869, 59.0224, 115.3164



71.8667, 59.0224, 60.1332

Rectangle

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



54.6370, 59.0224, 31.0670



44.8961, 59.0224, 43.5675



57.5869, 59.0224, 115.3164



69.0259, 59.0224, 90.6580

Sweetspot

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



54.6385, 59.0251, 31.0682



88.5881, 94.3420, 84.3465



43.3248, 34.3452, 33.6246



18.8215, 20.0668, 17.5334



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.



54.6385, 59.0251, 31.0682



74.2103, 80.1865, 34.5433



51.7548, 63.7876, 32.1394



13.9296, 14.7985, 13.8478



26.5159, 27.3175, 3.8753



1.7752, 1.8845, 0.2702

Inverse Universe

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



33.6839, 32.3149, 71.4797



40.4833, 37.2182, 99.6579



35.7092, 29.5875, 70.8466



12.5485, 13.0367, 16.5071



8.1729, 4.2153, 40.1213



0.5908, 0.3957, 2.6197

Previews

White Background



This preview shows how the XYZ color 54.6370, 59.0224, 31.0670 looks on a white background.

Color Contrast Check

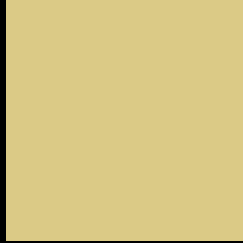
Large Text (above 18pt) WCAG AA × Fail

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 54.6370, 59.0224, 31.0670 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 54.6370, 59.0224, 31.0670

Background



This preview shows how black text looks on a background with the XYZ color 54.6370, 59.0224, 31.0670.



This preview shows how white text looks on a background with the XYZ color 54.6370, 59.0224,

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

54.6370, 59.0224, 31.0670

Protanopia

54.6370, 59.0224, 31.0670

Deuteranopia

60.1318, 58.7947, 31.4718



Tritanopia

62.1337, 59.0249, 67.7927

Trichromacy



Original Color

54.6370, 59.0224, 31.0670

Protanomaly

54.6370, 59.0224, 31.0670

Deuteranomaly

58.0448, 58.7216, 31.1968

Tritanomaly

58.8209, 58.6633, 51.9390

Monochromacy



Original Color

54.6370, 59.0224, 31.0670

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.8457, 57.5255, 48.8230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6370, 59.0224, 31.0670 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(219, 202, 134)` looks like.

```
.text, #text, p{  
    color:rgb(219, 202, 134)  
}
```

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(219, 202, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 202, 134) }
```

Border

The CSS property to change the border of an element to XYZ 54.6370, 59.0224, 31.0670 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(219, 202, 134) }
```


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

```
.border{ border-color:rgb(219, 202, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 202, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 202, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 202, 134); box-shadow:4px 4px 4px 4px rgb(219, 202, 134) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6370, 59.0224, 31.0670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 202, 134) }
```

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

```
.background{ background-color: rgb(219,  
202, 134) }
```

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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