

Converting Colors

XYZ(49.6029, 54.2796, 30.5112)

Have a look what the booklet for
XYZ(49.6029, 54.2796, 30.5112)
contains.

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Color

**XYZ(49.7751, 54.4665,
30.4439)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC486
RGB	207, 196, 134
RGB Percent	81%, 77%, 53%
CMY	0.1882, 0.2314, 0.4745
CMYK	0.00, 0.05, 0.35, 0.19
HSL	51°, 43%, 67%
HSV	51°, 35%, 81%
XYZ	49.7751, 54.4665, 30.4439
YIQ	192.2210, 26.4580, -16.9500

Conversions

Conversions Part 2

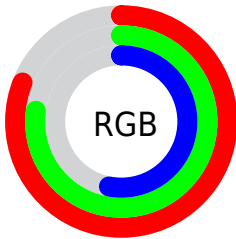
Format	Color
RYB	147, 207, 134
Decimal	13616262
CIELab	78.73, -5.31, 32.55
CIElCh	79, 32.982, 99.266
Yxy	54.4665, 0.3696, 0.4044
Android (android.graphics.Color)	4291806342 (0xFFCFC486)
YUV	192.2210, -28.7030, 12.9612
Hunter-Lab	73.8014, -8.7638, 27.2032

Details

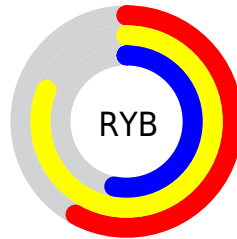
The XYZ color **49.7751, 54.4665, 30.4439** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.2191, 29.8232, 63.1424**, and the grayscale version is **50.3849, 53.0088, 57.7266**.

A 20% lighter version of the original color is **85.1275, 94.5116, 61.3328**, and **24.1832, 26.6459, 12.0522** is the 20% darker color. If you saturate the color by 10%, you get **47.7749, 52.5548, 23.3381**, and if you desaturate by 10%, it is **52.0752, 56.5255, 39.0451**.

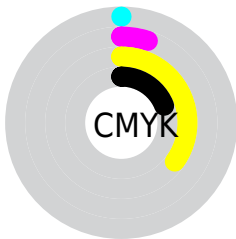
Distribution



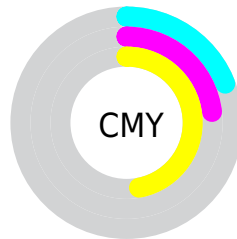
- Red (81%)
- Green (77%)
- Blue (53%)



- Red (58%)
- Yellow (81%)
- Blue (53%)



- Cyan (0%)
- Magenta (5%)
- Yellow (35%)
- Black (19%)





- Cyan (19%)
- Magenta (23%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.7751, 54.4665, 30.4439 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 49.7751, 54.4665, 30.4439 by changing the saturation by 10% instead.


 49.7751, 54.4665,
30.4439


 49.7751, 54.4665,
30.4439


376.2523,
403.8864, 318.2396


 35.4518, 38.9747,
19.9209


 89.0354, 96.7589,
61.4328

 24.1793, 26.7401,
12.1540


 114.7031,
124.3282, 82.7356

 15.5921, 17.3781,
6.7248


 144.8829,
156.6923, 108.4689

 9.3250, 10.5044,
3.2148

179.9403,
194.2354, 139.0511

 5.0126, 5.7347,
1.2053

220.2406,
237.3420, 174.9007

 2.2895, 2.6844,
0.0000

266.1491,

 0.7893, 0.9693,

286.3964, 216.4363

0.0000

318.0313,
341.7831, 264.0764

■ 0.0000, 0.0000,
0.0000

■ 49.7751, 54.4665,
30.4439

■ 49.7751, 54.4665,
30.4439

■ 47.7749, 52.5548,
23.3381

■ 52.0752, 56.5255,
39.0451

■ 46.0540, 50.7761,
17.6372

■ 54.6866, 58.7305,
49.2185

■ 44.5953, 49.1253,
13.2459


■ 57.6247, 61.0899,
61.0398


■ 43.3781, 47.5942,
10.0557


■ 60.9029, 63.6091,
74.5785


■ 42.3785, 46.1729,
7.9408

■ 64.5337, 66.2933,
89.9004


 41.5671, 44.8495,
6.7475

 68.0091, 68.9395,
104.3299

 41.2228, 44.2467,
6.3678

 68.8092, 70.5397,
104.5966

 69.6245, 72.1703,
104.8684

 70.4551, 73.8314,
105.1452

Harmonies

Analogous

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



56.3383, 54.4665, 31.6508



49.7751, 54.4665, 30.4439



44.2280, 54.4665, 35.6115

Triad

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



49.7751, 54.4665, 30.4439



42.6512, 54.4665, 85.0735



64.4095, 54.4665, 72.9552

Complementary

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



49.7751, 54.4665, 30.4439



31.2191, 29.8232, 63.1424

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.



60.1213, 54.4665, 91.6954



49.7751, 54.4665, 30.4439



47.4533, 54.4665, 99.6498

Square

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



49.7751, 54.4665, 30.4439



40.3486, 54.4665, 65.2795



53.8150, 54.4665, 102.2992



65.1630, 54.4665, 53.7062

Rectangle

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



49.7751, 54.4665, 30.4439



41.7174, 54.4665, 42.7736



53.8150, 54.4665, 102.2992



63.3174, 54.4665, 79.6256

Sweetspot

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



49.7765, 54.4690, 30.4450



89.5253, 95.6574, 86.3821



39.4589, 32.3967, 31.4363



19.0262, 20.3647, 17.9453



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.



49.7765, 54.4690, 30.4450



77.4057, 85.0515, 40.3124



46.0654, 56.3734, 31.0082



12.6454, 13.4815, 12.5477



26.0276, 27.9883, 4.0305



1.4974, 1.6492, 0.2394

Inverse Universe

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



31.2191, 29.8232, 63.1424



43.5256, 40.0685, 100.0477



33.9543, 28.8588, 62.8121



11.3054, 11.7010, 14.9063



7.4510, 3.5486, 37.4847



0.4635, 0.2921, 2.1115

Previews

White Background



This preview shows how the XYZ color 49.7751, 54.4665, 30.4439 looks on a white background.

Color Contrast Check

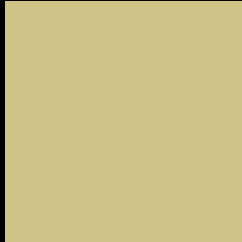
Large Text (above 18pt) WCAG AA × Fail

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 49.7751, 54.4665, 30.4439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

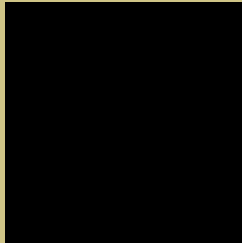
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

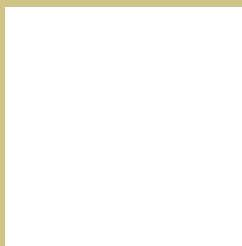
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.7751, 54.4665, 30.4439

Background



This preview shows how black text looks on a background with the XYZ color 49.7751, 54.4665, 30.4439.



This preview shows how white text looks on a background with the XYZ color 49.7751, 54.4665,

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

49.7751, 54.4665, 30.4439

Protanopia

50.6127, 54.5726, 30.0563

Deuteranopia

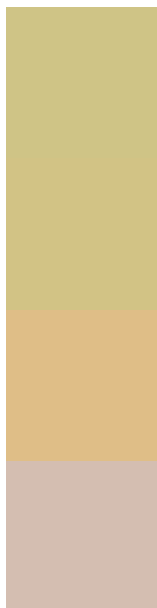
55.4930, 54.4740, 30.8823



Tritanopia

56.4553, 54.2520, 63.3733

Trichromacy



Original Color

49.7751, 54.4665, 30.4439

Protanomaly

50.3271, 54.4253, 30.0429

Deuteranomaly

53.2181, 54.2642, 30.5908

Tritanomaly

53.5006, 53.9983, 49.1979

Monochromacy



Original Color

49.7751, 54.4665, 30.4439

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.4466, 52.9505, 46.1424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7751, 54.4665, 30.4439 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(207, 196, 134)` looks like.

```
.text, #text, p{  
    color:rgb(207, 196, 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(207, 196, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 196, 134) }
```

Border

The CSS property to change the border of an element to XYZ 49.7751, 54.4665, 30.4439 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(207, 196, 134) }
```


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

```
.border{ border-color:rgb(207, 196, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 196, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 196, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 196, 134);  
box-shadow:4px 4px 4px 4px rgb(207, 196,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7751, 54.4665, 30.4439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 196, 134) }
```

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

```
.background{ background-color: rgb(207,  
196, 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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