

Converting Colors

XYZ(62.4850, 69.5064, 54.4313)

Have a look what the booklet for
XYZ(62.4850, 69.5064, 54.4313)
contains.

XYZ(62.6189, 69.6892, 54.4070)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(62.6189, 69.6892,
54.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	D8DDB6
RGB	216, 221, 182
RGB Percent	85%, 87%, 71%
CMY	0.1529, 0.1333, 0.2863
CMYK	0.02, 0.00, 0.18, 0.13
HSL	68°, 36%, 79%
HSV	68°, 18%, 87%
XYZ	62.6189, 69.6892, 54.4070
YIQ	215.0590, 9.5390, -13.1890

Conversions

Conversions Part 2

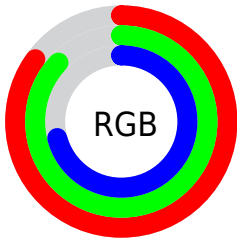
Format	Color
RYB	182, 221, 187
Decimal	14212534
CIELab	86.84, -8.22, 18.61
CIELCh	87, 20.347, 113.840
Yxy	69.6892, 0.3354, 0.3732
Android (android.graphics.Color)	4292402614 (0xFFD8DDB6)
YUV	215.0590, -16.2981, 0.8253
Hunter-Lab	83.4801, -12.1962, 19.7946

Details

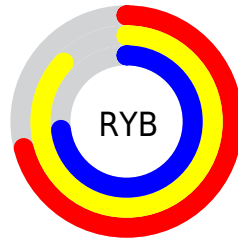
The XYZ color **62.6189, 69.6892, 54.4070** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.2752, 49.2430, 75.2654**, and the grayscale version is **64.7352, 68.1065, 74.1680**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **32.2966, 36.4345, 26.0992** is the 20% darker color. If you saturate the color by 10%, you get **59.6830, 68.4212, 43.2735**, and if you desaturate by 10%, it is **65.9335, 71.1150, 67.4427**.

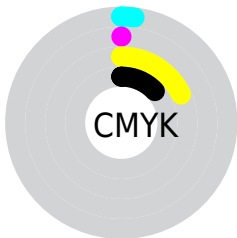
Distribution



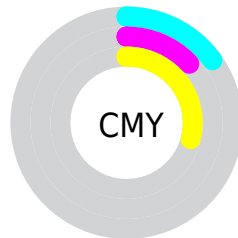
- Red (85%)
- Green (87%)
- Blue (71%)



- Red (71%)
- Yellow (87%)
- Blue (73%)



- Cyan (2%)
- Magenta (0%)
- Yellow (18%)
- Black (13%)





- Cyan (15%)
- Magenta (13%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6189, 69.6892, 54.4070 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 62.6189, 69.6892, 54.4070 by changing the saturation by 10% instead.


 62.6189, 69.6892,
54.4070

 62.6189, 69.6892,
54.4070


423.8667,
459.4580, 420.8785

 45.7905, 51.2732,
38.5318


 107.7044,
118.7654, 98.1340

 32.2844, 36.4261,
26.0906


136.6922,
150.1944, 126.8228

 21.7354, 24.7634,
16.6651

170.4638,
186.7299, 160.6199

 13.7781, 15.9009,
9.8366

209.3846,
228.7562, 199.9439

 8.0472, 9.4541,
5.1865

253.8200,
276.6578, 245.2131

 4.1772, 5.0385,
2.2965

304.1352,

 1.8029, 2.2699,

330.8190, 296.8463

0.7292

360.6957,
391.6243, 355.2619

■ 0.5194, 0.7577,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6189, 69.6892,
54.4070

■ 62.6189, 69.6892,
54.4070

■ 59.6830, 68.4212,
43.2735

■ 65.9335, 71.1150,
67.4427

■ 57.1032, 67.2950,
33.9488

■ 69.6371, 72.6957,
82.4590

■ 54.8633, 66.3064,
26.3386

■ 73.7464, 74.4404,
99.5356

■ 52.9431, 65.4473,
20.3380

■ 75.6948, 75.3225,
105.1569

■ 51.3205, 64.7090,
15.8308

■ 76.5985, 75.7883,
105.1992

■ 49.9705, 64.0812,
12.6852

■ 77.5169, 76.2618,
105.2422

■ 48.8636, 63.5524,
10.7465

■ 78.4502, 76.7430,
105.2858

■ 47.9593, 63.1062,
9.8022

■ 79.3985, 77.2318,
105.3302

■ 47.7609, 63.0071,
9.6443

■ 80.3618, 77.7284,
105.3753

Harmonies

Analogous

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



67.2210, 69.6892, 52.7592



62.6189, 69.6892, 54.4070



59.1430, 69.6892, 61.4870

Triad

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



62.6189, 69.6892, 54.4070



61.0003, 69.6892, 98.9838



75.7258, 69.6892, 78.7172

Complementary

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



62.6189, 69.6892, 54.4070



50.2752, 49.2430, 75.2654

Split Complementary

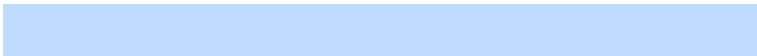
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.8777, 69.6892, 92.3594



62.6189, 69.6892, 54.4070



65.2636, 69.6892, 104.9260

Square

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



62.6189, 69.6892, 54.4070



58.2402, 69.6892, 86.9350



69.9929, 69.6892, 102.3679



74.9353, 69.6892, 65.8038

Rectangle

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



62.6189, 69.6892, 54.4070



57.8575, 69.6892, 68.8394



69.9929, 69.6892, 102.3679



75.3899, 69.6892, 83.3843

Sweetspot

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



62.6207, 69.6923, 54.4085



92.4653, 98.8969, 98.4170



55.9396, 54.1014, 51.7513



19.7160, 21.1358, 20.7621



0.0000, 0.0000, 0.0000



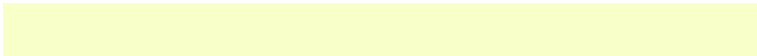
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.6207, 69.6923, 54.4085



85.1129, 95.7384, 69.5297



57.3153, 66.9572, 54.1602



13.9893, 15.1747, 13.9173



27.8111, 36.6346, 5.6054



1.8486, 2.3975, 0.3653

Inverse Universe

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



50.2752, 49.2430, 75.2654



65.1444, 62.6598, 103.2688



55.2488, 51.8070, 75.4981



12.4932, 12.6969, 16.4444



7.9180, 3.2060, 39.9399



0.5649, 0.2345, 2.5899

Previews

White Background



This preview shows how the XYZ color 62.6189, 69.6892, 54.4070 looks on a white background.

Color Contrast Check

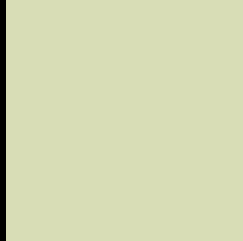
Large Text (above 18pt) WCAG AA × Fail

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 62.6189, 69.6892, 54.4070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

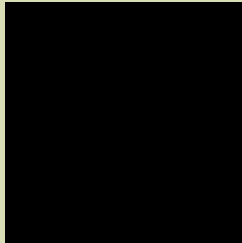
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

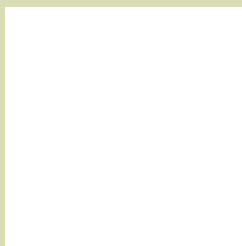
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.6189, 69.6892, 54.4070

Background



This preview shows how black text looks on a background with the XYZ color 62.6189, 69.6892, 54.4070.



This preview shows how white text looks on a background with the XYZ color 62.6189, 69.6892,

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

62.6189, 69.6892, 54.4070

Protanopia

65.6842, 69.7440, 53.1800

Deuteranopia

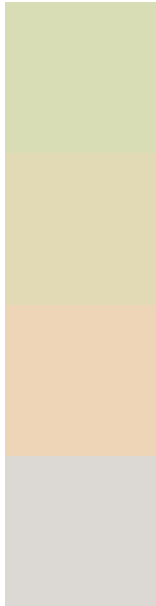
70.8765, 69.3856, 55.0046



Tritanopia

68.9018, 69.5506, 85.3944

Trichromacy



Original Color

62.6189, 69.6892, 54.4070

Protanomaly

64.4632, 69.4866, 53.7307

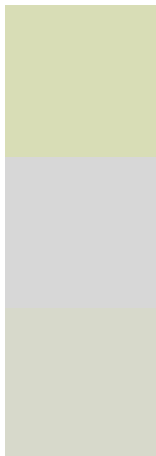
Deuteranomaly

67.6014, 69.1845, 54.5907

Tritanomaly

66.3383, 69.6454, 72.8973

Monochromacy



Original Color

62.6189, 69.6892, 54.4070

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.6167, 68.3846, 66.3465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6189, 69.6892, 54.4070 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(216, 221, 182)` looks like.

```
.text, #text, p{  
    color:rgb(216, 221, 182)  
}
```

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(216, 221, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 221, 182) }
```

Border

The CSS property to change the border of an element to XYZ 62.6189, 69.6892, 54.4070 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(216, 221, 182) }
```


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

```
.border{ border-color:rgb(216, 221, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 221, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 221, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 221, 182);  
box-shadow:4px 4px 4px 4px rgb(216, 221,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6189, 69.6892, 54.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 221, 182) }
```

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

```
.background{ background-color: rgb(216,  
221, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor