

Converting Colors

XYZ(62.0271, 67.5002, 54.5600)

Have a look what the booklet for
XYZ(62.0271, 67.5002, 54.5600)
contains.

XYZ(62.0166, 67.4361, 54.5476)	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(62.0166, 67.4361,
54.5476)**

Conversions

Conversions Part 1

Format	Color
Hex	DAD8B7
RGB	218, 216, 183
RGB Percent	85%, 85%, 72%
CMY	0.1451, 0.1529, 0.2823
CMYK	0.00, 0.01, 0.16, 0.15
HSL	57°, 32%, 79%
HSV	57°, 16%, 85%
XYZ	62.0166, 67.4361, 54.5476
YIQ	212.8360, 11.7850, -9.8390

Conversions

Conversions Part 2

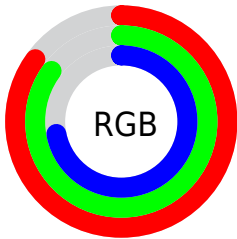
Format	Color
RYB	185, 218, 183
Decimal	14342327
CIELab	85.72, -4.79, 16.54
CIELCh	86, 17.223, 106.161
Yxy	67.4361, 0.3370, 0.3665
Android (android.graphics.Color)	4292532407 (0xFFDAD8B7)
YUV	212.8360, -14.7091, 4.5288
Hunter-Lab	82.1195, -8.9060, 18.1005

Details

The XYZ color **62.0166, 67.4361, 54.5476** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.5322, 49.8262, 73.3370**, and the grayscale version is **63.2275, 66.5202, 72.4405**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **31.8784, 34.8880, 26.1730** is the 20% darker color. If you saturate the color by 10%, you get **59.6046, 65.9660, 43.4028**, and if you desaturate by 10%, it is **64.7861, 69.0576, 67.5471**.

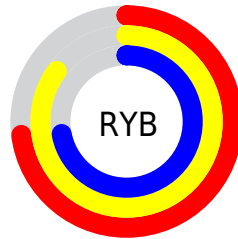
Distribution



Red (85%)

Green (85%)

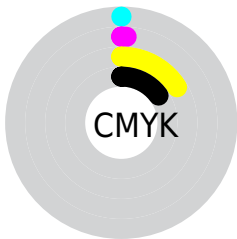
Blue (72%)



Red (73%)

Yellow (85%)

Blue (72%)

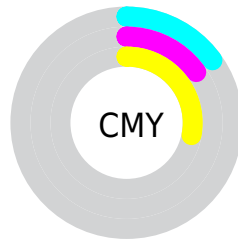


Cyan (0%)

Magenta (1%)

Yellow (16%)

Black (15%)



Cyan (15%)

Magenta (15%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0166, 67.4361, 54.5476 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 62.0166, 67.4361, 54.5476 by changing the saturation by 10% instead.

■ 62.0166, 67.4361,
54.5476

■ 62.0166, 67.4361,
54.5476

421.7082,
451.4955, 421.4283

■ 45.3018, 49.4391,
38.6435

■ 106.8393,
115.5451, 98.3423

■ 31.8975, 34.9679,
26.1768

135.6779,
146.4259, 127.0700

■ 21.4384, 23.6382,
16.7290

169.2885,
182.3700, 160.9092

■ 13.5591, 15.0654,
9.8816

208.0364,
223.7620, 200.2786

■ 7.8943, 8.8653,
5.2159

252.2869,
270.9861, 245.5966

■ 4.0786, 4.6534,
2.3136

302.4055,

■ 1.7467, 2.0454,

324.4268, 297.2819

0.7388

358.7575,
384.4685, 355.7529

■ 0.4852, 0.6336,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0166, 67.4361,
54.5476

■ 62.0166, 67.4361,
54.5476

■ 59.6046, 65.9660,
43.4028

■ 64.7861, 69.0576,
67.5471

■ 57.5285, 64.6318,
34.0233

■ 67.9229, 70.8276,
82.4765

■ 55.7729, 63.4297,
26.3193

■ 71.4429, 72.7547,
99.4119

■ 54.3186, 62.3519,
20.1907

■ 72.8140, 73.8262,
105.0199

■ 53.1449, 61.3902,
15.5273

■ 73.1434, 74.4849,
105.1297

■ 52.2279, 60.5350,
12.2043

■ 73.4751, 75.1484,
105.2403

■ 51.5401, 59.7753,
10.0767

■ 73.8093, 75.8168,
105.3517

■ 51.0472, 59.0973,
8.9634

■ 74.1460, 76.4901,
105.4639

■ 50.8822, 58.8426,
8.6760

■ 74.4851, 77.1683,
105.5769

Harmonies

Analogous

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



65.9197, 67.4361, 54.3618



62.0166, 67.4361, 54.5476



58.8009, 67.4361, 59.4395

Triad

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



62.0166, 67.4361, 54.5476



59.0054, 67.4361, 90.1603



71.7132, 67.4361, 78.7232

Complementary

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



62.0166, 67.4361, 54.5476



49.5322, 49.8262, 73.3370

Split Complementary

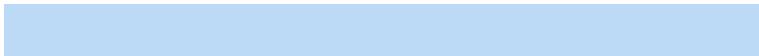
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.6998, 67.4361, 89.4516



62.0166, 67.4361, 54.5476



62.3062, 67.4361, 96.4966

Square

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



62.0166, 67.4361, 54.5476



57.1116, 67.4361, 79.6133



66.2213, 67.4361, 96.2247



71.6278, 67.4361, 67.5687

Rectangle

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



62.0166, 67.4361, 54.5476



57.4325, 67.4361, 65.0259



66.2213, 67.4361, 96.2247



71.2559, 67.4361, 82.5210

Sweetspot

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



62.0184, 67.4391, 54.5490



92.8331, 98.7429, 98.3679



54.6399, 52.2902, 53.2978



19.8057, 21.0982, 20.7501



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.



62.0184, 67.4391, 54.5490



87.3327, 95.5133, 72.5764



58.2026, 66.2355, 54.5178



14.0953, 15.1300, 13.9031



30.5109, 35.3073, 5.2069



1.9964, 2.3269, 0.3439

Inverse Universe

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



49.5322, 49.8262, 73.3370



66.5337, 66.1749, 103.8741



52.9219, 50.9583, 73.3769



12.3980, 12.7357, 16.4569



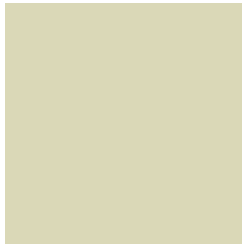
7.6889, 3.2472, 39.9599



0.5196, 0.2533, 2.5959

Previews

White Background



This preview shows how the XYZ color 62.0166, 67.4361, 54.5476 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 62.0166, 67.4361, 54.5476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

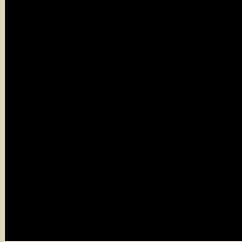
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

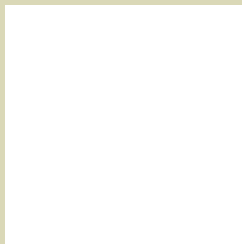
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.0166, 67.4361, 54.5476

Background



This preview shows how black text looks on a background with the XYZ color 62.0166, 67.4361, 54.5476.



This preview shows how white text looks on a background with the XYZ color 62.0166, 67.4361,

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

62.0166, 67.4361, 54.5476

Protanopia

63.5414, 67.4781, 53.9316

Deuteranopia

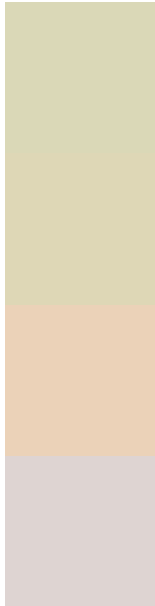
68.4845, 67.0579, 55.2329



Tritanopia

67.5145, 67.4315, 81.4087

Trichromacy



Original Color

62.0166, 67.4361, 54.5476

Protanomaly

62.8681, 67.5079, 53.9728

Deuteranomaly

65.9593, 67.2160, 54.8450

Tritanomaly

65.3005, 67.2697, 70.5154

Monochromacy



Original Color

62.0166, 67.4361, 54.5476

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.7316, 66.8045, 65.4654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0166, 67.4361, 54.5476 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(218, 216, 183) looks like.

```
.text, #text, p{  
    color:rgb(218, 216, 183)  
}
```

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(218, 216, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 216, 183) }
```

Border

The CSS property to change the border of an element to XYZ 62.0166, 67.4361, 54.5476 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(218, 216, 183) }
```


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

```
.border{ border-color:rgb(218, 216, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 216, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 216, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 216, 183); box-shadow:4px 4px 4px 4px rgb(218, 216, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0166, 67.4361, 54.5476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 216, 183) }
```

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

```
.background{ background-color: rgb(218,  
216, 183) }
```

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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