

Converting Colors

XYZ(61.9466, 69.4074, 52.6694)

Have a look what the booklet for
XYZ(61.9466, 69.4074, 52.6694)
contains.

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Color

**XYZ(62.0175, 69.4146,
52.7775)**

Conversions

Conversions Part 1

Format	Color
Hex	D7DDB3
RGB	215, 221, 179
RGB Percent	84%, 87%, 70%
CMY	0.1569, 0.1333, 0.2980
CMYK	0.03, 0.00, 0.19, 0.13
HSL	69°, 38%, 78%
HSV	69°, 19%, 87%
XYZ	62.0175, 69.4146, 52.7775
YIQ	214.4180, 9.9060, -14.3340

Conversions

Conversions Part 2

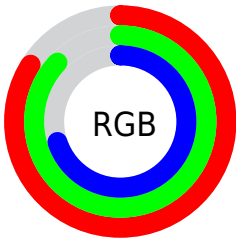
Format	Color
RYB	179, 221, 185
Decimal	14146995
CIELab	86.71, -9.04, 19.98
CIELCh	87, 21.928, 114.342
Yxy	69.4146, 0.3367, 0.3768
Android (android.graphics.Color)	4292337075 (0xFFD7DDB3)
YUV	214.4180, -17.4611, 0.5104
Hunter-Lab	83.3154, -12.9320, 20.7626

Details

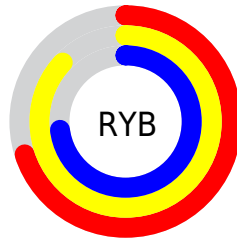
The XYZ color **62.0175, 69.4146, 52.7775** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.1814, 47.7767, 75.0400**, and the grayscale version is **64.3090, 67.6581, 73.6797**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **31.8993, 36.2524, 25.0548** is the 20% darker color. If you saturate the color by 10%, you get **59.0410, 68.1202, 41.8909**, and if you desaturate by 10%, it is **65.3739, 70.8677, 65.5548**.

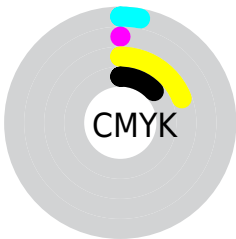
Distribution



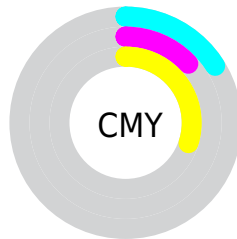
- Red (84%)
- Green (87%)
- Blue (70%)



- Red (70%)
- Yellow (87%)
- Blue (73%)



- Cyan (3%)
- Magenta (0%)
- Yellow (19%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0175, 69.4146, 52.7775 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 62.0175, 69.4146, 52.7775 by changing the saturation by 10% instead.


 62.0175, 69.4146,
52.7775

 62.0175, 69.4146,
52.7775


421.7115,
458.4919, 414.4729

 45.3025, 51.0494,
37.2387


 106.8406,
118.3736, 95.7151

 31.8980, 36.2480,
25.0951


135.6794,
149.7361, 123.9510

 21.4388, 24.6258,
15.9283


169.2902,
186.2000, 157.2563

 13.5594, 15.7985,
9.3196

208.0384,
228.1495, 196.0495

 7.8945, 9.3816,
4.8506

252.2892,
275.9690, 240.7493

 4.0788, 4.9909,
2.1027

302.4081,

 1.7468, 2.2419,

330.0430, 291.7741

0.6173

358.7604,
390.7558, 349.5424

■ 0.4853, 0.7427,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0175, 69.4146,
52.7775

■ 62.0175, 69.4146,
52.7775

■ 59.0410, 68.1202,
41.8909

■ 65.3739, 70.8677,
65.5548

■ 56.4217, 66.9684,
32.8007

■ 69.1207, 72.4767,
80.3019

■ 54.1431, 65.9549,
25.4114

■ 73.2747, 74.2507,
97.0991

■ 52.1847, 65.0715,
19.6169

■ 75.7880, 75.3705,
105.1612

■ 50.5241, 64.3093,
15.2991

■ 76.7974, 75.8909,
105.2085

■ 49.1357, 63.6580,
12.3237

■ 77.8252, 76.4207,
105.2566

■ 47.9892, 63.1054,
10.5318

■ 78.8715, 76.9601,
105.3056

■ 47.0370, 62.6325,
9.6733

■ 79.9364, 77.5091,
105.3554

■ 46.9467, 62.5874,
9.6062

■ 81.0200, 78.0677,
105.4061

Harmonies

Analogous

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



66.9477, 69.4146, 50.9422



62.0175, 69.4146, 52.7775



58.3272, 69.4146, 60.3667

Triad

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



62.0175, 69.4146, 52.7775



60.4250, 69.4146, 100.7657



76.2211, 69.4146, 78.3825

Complementary

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



62.0175, 69.4146, 52.7775



49.1814, 47.7767, 75.0400

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.



74.2669, 69.4146, 93.1576



62.0175, 69.4146, 52.7775



65.0147, 69.4146, 107.1049

Square

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



62.0175, 69.4146, 52.7775



57.4415, 69.4146, 87.7544



70.1005, 69.4146, 104.1558



75.3177, 69.4146, 64.5884

Rectangle

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



62.0175, 69.4146, 52.7775



56.9798, 69.4146, 68.2536



70.1005, 69.4146, 104.1558



75.8736, 69.4146, 83.4143

Sweetspot

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



62.0193, 69.4177, 52.7790



91.8836, 98.6410, 96.4014



55.2232, 53.1595, 49.9990



19.5957, 21.0826, 20.3558



0.0000, 0.0000, 0.0000



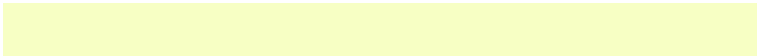
20.3446, 21.4041, 23.3091

Same Dimension

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



62.0193, 69.4177, 52.7790



83.9862, 95.2259, 66.3876



56.3465, 66.4932, 52.5135



13.9697, 15.1646, 13.9164



27.3443, 36.3940, 5.5835



1.8227, 2.3842, 0.3641

Inverse Universe

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



49.1814, 47.7767, 75.0400



62.9725, 59.7993, 102.8311



54.5161, 50.5269, 75.2897



12.5110, 12.7060, 16.4452



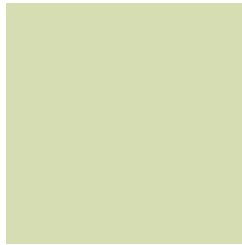
7.9773, 3.2366, 39.9427



0.5733, 0.2388, 2.5903

Previews

White Background



This preview shows how the XYZ color 62.0175, 69.4146, 52.7775 looks on a white background.

Color Contrast Check

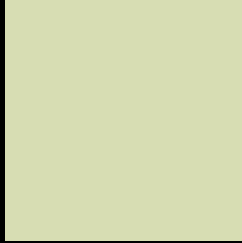
Large Text (above 18pt) WCAG AA × Fail

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 62.0175, 69.4146, 52.7775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

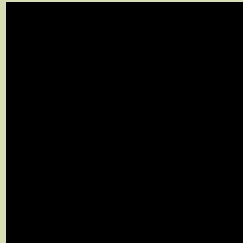
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

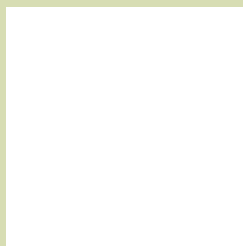
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.0175, 69.4146, 52.7775

Background



This preview shows how black text looks on a background with the XYZ color 62.0175, 69.4146, 52.7775.



This preview shows how white text looks on a background with the XYZ color 62.0175, 69.4146,

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

62.0175, 69.4146, 52.7775

Protanopia

65.1248, 69.1091, 51.5019

Deuteranopia

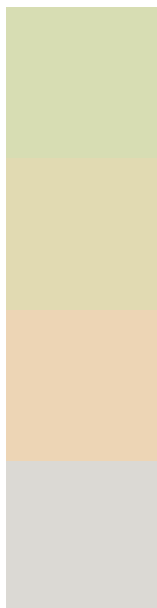
70.6683, 69.3023, 53.9080



Tritanopia

68.5946, 69.3923, 85.3800

Trichromacy



Original Color

62.0175, 69.4146, 52.7775

Protanomaly

64.1586, 69.3647, 52.1267

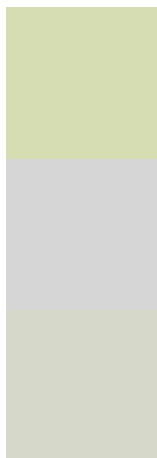
Deuteranomaly

67.0598, 68.9292, 53.4863

Tritanomaly

65.9099, 69.4392, 72.2166

Monochromacy



Original Color

62.0175, 69.4146, 52.7775

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.0870, 68.1389, 65.0854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0175, 69.4146, 52.7775 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(215, 221, 179)` looks like.

```
.text, #text, p{  
    color:rgb(215, 221, 179)  
}
```

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(215, 221, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 221, 179) }
```

Border

The CSS property to change the border of an element to XYZ 62.0175, 69.4146, 52.7775 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(215, 221, 179) }
```


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

```
.border{ border-color:rgb(215, 221, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 221, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 221, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 221, 179);  
box-shadow:4px 4px 4px 4px rgb(215, 221,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0175, 69.4146, 52.7775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 221, 179) }
```

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

```
.background{ background-color: rgb(215,  
221, 179) }
```

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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