

Converting Colors

XYZ(62.7827, 69.3569, 52.1872)

Have a look what the booklet for
XYZ(62.7827, 69.3569, 52.1872)
contains.

XYZ(62.8425, 69.4608, 52.2146)	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(62.8425, 69.4608,
52.2146)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDCB2
RGB	219, 220, 178
RGB Percent	86%, 86%, 70%
CMY	0.1412, 0.1372, 0.3020
CMYK	0.00, 0.00, 0.19, 0.14
HSL	61°, 38%, 78%
HSV	61°, 19%, 86%
XYZ	62.8425, 69.4608, 52.2146
YIQ	214.9130, 12.8860, -13.2740

Conversions

Conversions Part 2

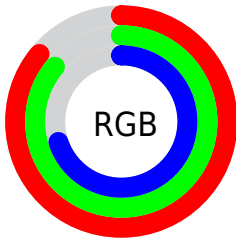
Format	Color
RYB	178, 220, 179
Decimal	14408882
CIELab	86.73, -7.22, 20.58
CIELCh	87, 21.809, 109.339
Yxy	69.4608, 0.3406, 0.3764
Android (android.graphics.Color)	4292598962 (0xFFDBDCB2)
YUV	214.9130, -18.1981, 3.5843
Hunter-Lab	83.3431, -11.2577, 21.1949

Details

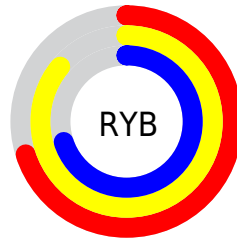
The XYZ color **62.8425, 69.4608, 52.2146** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.4317, 46.5936, 74.2075**, and the grayscale version is **64.6471, 68.0138, 74.0671**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **32.4666, 36.2834, 24.6943** is the 20% darker color. If you saturate the color by 10%, you get **60.6510, 68.5683, 41.4914**, and if you desaturate by 10%, it is **65.3925, 70.5015, 64.8066**.

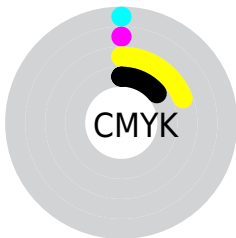
Distribution



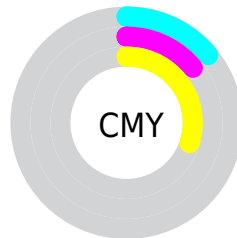
- Red (86%)
- Green (86%)
- Blue (70%)



- Red (70%)
- Yellow (86%)
- Blue (70%)



- Cyan (0%)
- Magenta (0%)
- Yellow (19%)
- Black (14%)



- Cyan (14%)
- Magenta (14%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8425, 69.4608, 52.2146 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 62.8425, 69.4608, 52.2146 by changing the saturation by 10% instead.

■ 62.8425, 69.4608,
52.2146

■ 62.8425, 69.4608,
52.2146

424.6664,
458.6545, 412.2450

■ 45.9720, 51.0871,
36.7927

■ 108.0253,
118.4395, 94.8775

■ 32.4282, 36.2779,
24.7525

137.0684,
149.8133, 122.9555

■ 21.8459, 24.6489,
15.6754

170.8996,
186.2892, 156.0894

■ 13.8597, 15.8157,
9.1429

209.8844,
228.2516, 194.6977

■ 8.1042, 9.3938,
4.7364

254.3881,
276.0849, 239.1988

■ 4.2141, 4.9989,
2.0374

304.7761,

■ 1.8239, 2.2466,

330.1736, 290.0114

0.5782

361.4138,
390.9020, 347.5539

■ 0.5320, 0.7452,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8425, 69.4608,
52.2146

■ 62.8425, 69.4608,
52.2146

■ 60.6510, 68.5683,
41.4914

■ 65.3925, 70.5015,
64.8066

■ 58.7957, 67.8080,
32.5439

■ 68.3112, 71.6873,
79.3460

■ 57.2601, 67.1756,
25.2775

■ 71.6152, 73.0274,
95.9119

■ 56.0243, 66.6632,
19.5873

■ 73.4957, 73.7981,
104.9786

■ 55.0661, 66.2618,
15.3562

■ 73.6563, 73.8809,
104.9861

■ 54.3602, 65.9615,
12.4514

■ 73.8174, 73.9639,
104.9936

■ 53.8769, 65.7503,
10.7155

■ 73.9790, 74.0472,
105.0012

■ 53.5684, 65.6090,
9.8978

■ 74.1411, 74.1308,
105.0088

■ 53.5434, 65.5974,
9.8395

■ 74.3038, 74.2146,
105.0164

Harmonies

Analogous

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



67.8415, 69.4608, 51.3646



62.8425, 69.4608, 52.2146



58.8938, 69.4608, 58.8493

Triad

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



62.8425, 69.4608, 52.2146



59.8662, 69.4608, 98.8641



76.0782, 69.4608, 80.9179

Complementary

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



62.8425, 69.4608, 52.2146



47.4317, 46.5936, 74.2075

Split Complementary

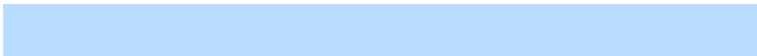
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.7000, 69.4608, 95.3335



62.8425, 69.4608, 52.2146



64.2322, 69.4608, 106.5414

Square

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



62.8425, 69.4608, 52.2146



57.2373, 69.4608, 85.2647



69.3037, 69.4608, 105.1725



75.6590, 69.4608, 66.7517

Rectangle

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



62.8425, 69.4608, 52.2146



57.3073, 69.4608, 66.1959



69.3037, 69.4608, 105.1725



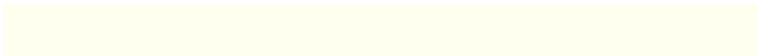
75.5748, 69.4608, 85.9226

Sweetspot

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



62.8443, 69.4639, 52.2161



92.5491, 98.9841, 96.4326



53.6133, 50.5518, 49.0522



19.7535, 21.1640, 20.3632



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.



62.8443, 69.4639, 52.2161



86.4894, 96.5163, 66.5047



56.9995, 66.4508, 51.9425



14.1298, 15.2472, 13.9239



31.4367, 38.5037, 5.7751



2.0466, 2.4996, 0.3746

Inverse Universe

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



47.4317, 46.5936, 74.2075



61.0926, 58.8302, 102.7432



52.5801, 49.2477, 74.4484



12.3673, 12.6320, 16.4385



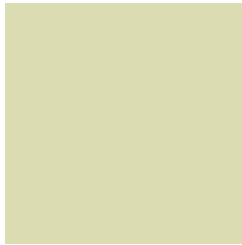
7.6335, 3.0594, 39.9266



0.5049, 0.2036, 2.5871

Previews

White Background



This preview shows how the XYZ color 62.8425, 69.4608, 52.2146 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 62.8425, 69.4608, 52.2146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

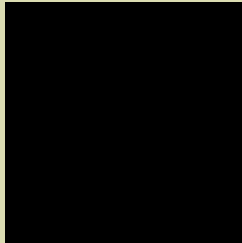
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

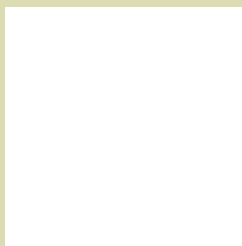
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.8425, 69.4608, 52.2146

Background



This preview shows how black text looks on a background with the XYZ color 62.8425, 69.4608, 52.2146.



This preview shows how white text looks on a background with the XYZ color 62.8425, 69.4608, 52.2146.

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

62.8425, 69.4608, 52.2146

Protanopia

65.2825, 69.5833, 51.0645

Deuteranopia

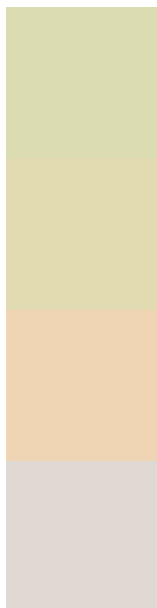
70.8223, 69.4054, 52.8439



Tritanopia

69.4412, 69.4704, 84.6121

Trichromacy



Original Color

62.8425, 69.4608, 52.2146

Protanomaly

64.3712, 69.4859, 51.6144

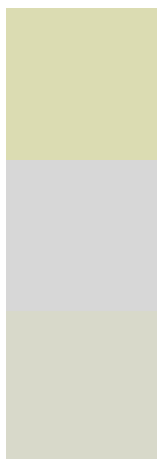
Deuteranomaly

67.5275, 69.1939, 52.4445

Tritanomaly

66.7452, 69.5029, 71.5256

Monochromacy



Original Color

62.8425, 69.4608, 52.2146

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.7924, 68.4889, 65.7346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8425, 69.4608, 52.2146 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, 220, 178)` looks like.

```
.text, #text, p{  
    color:rgb(219, 220, 178)  
}
```

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, 220, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 220, 178) }
```

Border

The CSS property to change the border of an element to XYZ 62.8425, 69.4608, 52.2146 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, 220, 178) }
```


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

```
.border{ border-color:rgb(219, 220, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 220, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 220, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 220, 178);  
box-shadow:4px 4px 4px 4px rgb(219, 220,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8425, 69.4608, 52.2146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 220, 178) }
```

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

```
.background{ background-color: rgb(219,  
220, 178) }
```

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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