

Converting Colors

XYZ(62.1945, 71.0647, 55.2126)

Have a look what the booklet for
XYZ(62.1945, 71.0647, 55.2126)
contains.

XYZ(62.0508, 70.9710, 55.2281)	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(62.0508, 70.9710,
55.2281)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E1B7
RGB	210, 225, 183
RGB Percent	82%, 88%, 72%
CMY	0.1765, 0.1176, 0.2823
CMYK	0.07, 0.00, 0.19, 0.12
HSL	81°, 41%, 80%
HSV	81°, 19%, 88%
XYZ	62.0508, 70.9710, 55.2281
YIQ	215.7270, 4.5420, -16.2420

Conversions

Conversions Part 2

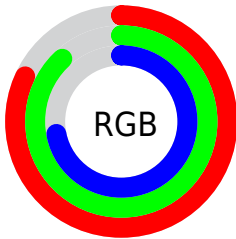
Format	Color
RYB	183, 225, 198
Decimal	13820343
CIELab	87.47, -12.25, 18.90
CIELCh	87, 22.518, 122.943
Yxy	70.9710, 0.3296, 0.3770
Android (android.graphics.Color)	4292010423 (0xFFD2E1B7)
YUV	215.7270, -16.1344, -5.0226
Hunter-Lab	84.2443, -15.9519, 20.1022

Details

The XYZ color **62.0508, 70.9710, 55.2281** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.8157, 51.3110, 78.3057**, and the grayscale version is **65.1902, 68.5852, 74.6893**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **31.9216, 37.3297, 26.6420** is the 20% darker color. If you saturate the color by 10%, you get **57.6629, 68.9604, 43.7597**, and if you desaturate by 10%, it is **66.9319, 73.1968, 68.6768**.

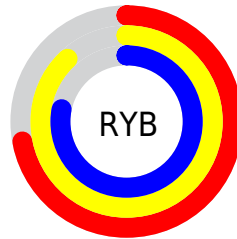
Distribution



Red (82%)

Green (88%)

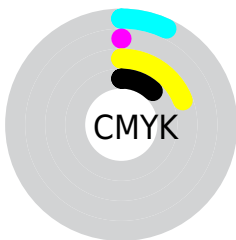
Blue (72%)



Red (72%)

Yellow (88%)

Blue (78%)

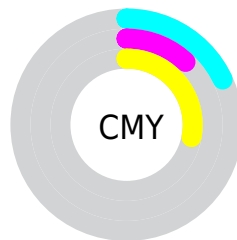


Cyan (7%)

Magenta (0%)

Yellow (19%)

Black (12%)



Cyan (18%)


Magenta (12%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0508, 70.9710, 55.2281 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 62.0508, 70.9710, 55.2281 by changing the saturation by 10% instead.


 62.0508, 70.9710,
55.2281

 62.0508, 70.9710,
55.2281


421.8310,
463.9521, 424.0823

 45.3295, 52.3185,
39.1845


 106.8885,
120.5924, 99.3496

 31.9194, 37.2590,
26.5944


135.7356,
152.3302, 128.2646

 21.4552, 25.4081,
17.0391


169.3553,
189.1985, 162.3071

 13.5715, 16.3814,
10.1001

208.1130,
231.5817, 201.8958

 7.9030, 9.7944,
5.3589

252.3741,
279.8643, 247.4491

 4.0842, 5.2629,
2.3970


302.5039,

 1.7499, 2.4023,


334.4306, 299.3856


0.7848


358.8677,
395.6651, 358.1238


 0.4872, 0.8271,
0.0000


 0.0000, 0.0000,
0.0000


 62.0508, 70.9710,
55.2281


 62.0508, 70.9710,
55.2281


 57.6629, 68.9604,
43.7597


 66.9319, 73.1968,
68.6768

 53.7431, 67.1478,
34.1733

 72.3186, 75.6361,
84.1886

 50.2724, 65.5277,
26.3695

 78.2302, 78.2989,
101.8470

 47.2281, 64.0909,
20.2375

 81.6468, 79.9775,
105.7417

■ 44.5849, 62.8270,
15.6543

■ 84.4690, 81.4324,
105.8738

■ 42.3146, 61.7245,
12.4800

■ 86.2167, 82.3334,
105.9556

■ 40.3839, 60.7699,
10.5494

■ 38.7437, 59.9434,
9.6143

■ 38.5383, 59.8394,
9.5190

Harmonies

Analogous

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



66.9326, 70.9710, 51.5814



62.0508, 70.9710, 55.2281



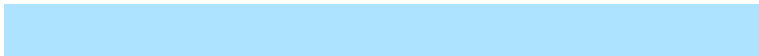
58.7598, 70.9710, 64.7145

Triad

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



62.0508, 70.9710, 55.2281



62.9141, 70.9710, 106.3732



78.1827, 70.9710, 75.7828

Complementary

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



62.0508, 70.9710, 55.2281



53.8157, 51.3110, 78.3057

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.



76.9701, 70.9710, 91.3646



62.0508, 70.9710, 55.2281



67.9817, 70.9710, 110.3367

Square

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



62.0508, 70.9710, 55.2281



59.2395, 70.9710, 94.3050



73.1659, 70.9710, 104.5250



76.3987, 70.9710, 62.4302

Rectangle

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



62.0508, 70.9710, 55.2281



57.8155, 70.9710, 73.7358



73.1659, 70.9710, 104.5250



78.1122, 70.9710, 80.9265

Sweetspot

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



62.0527, 70.9741, 55.2296



90.7013, 98.0315, 96.3461



59.7268, 59.6800, 53.1722



19.3157, 20.9383, 20.3427



0.0000, 0.0000, 0.0000



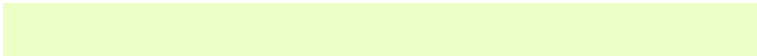
20.3446, 21.4041, 23.3091

Same Dimension

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



62.0527, 70.9741, 55.2296



80.3048, 93.2942, 67.7470



56.5355, 68.1299, 54.9714



14.3720, 15.7719, 14.5936



22.3380, 34.5482, 5.4911



1.6448, 2.4444, 0.3851

Inverse Universe

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



53.8157, 51.3110, 78.3057



67.6459, 63.0717, 103.2165



59.6499, 54.3186, 78.5787



13.4118, 13.4803, 17.2828



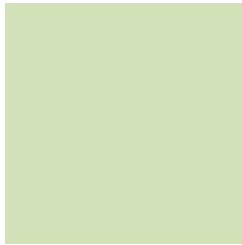
9.8721, 4.1846, 41.3357



0.7795, 0.3392, 2.8696

Previews

White Background



This preview shows how the XYZ color 62.0508, 70.9710, 55.2281 looks on a white background.

Color Contrast Check

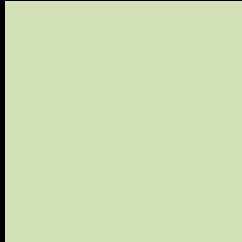
Large Text (above 18pt) WCAG AA × Fail

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 62.0508, 70.9710, 55.2281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

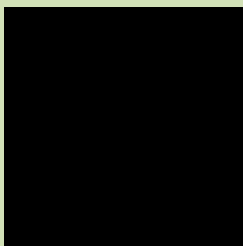
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

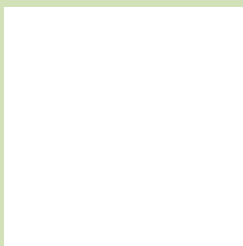
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.0508, 70.9710, 55.2281

Background



This preview shows how black text looks on a background with the XYZ color 62.0508, 70.9710, 55.2281.



This preview shows how white text looks on a background with the XYZ color 62.0508, 70.9710,

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

62.0508, 70.9710, 55.2281

Protanopia

66.5883, 70.5939, 53.2964

Deuteranopia

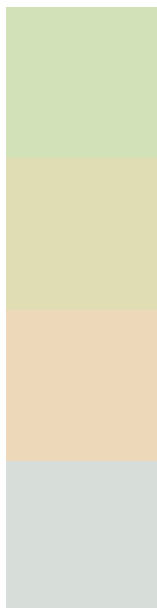
72.3021, 70.8291, 56.3150



Tritanopia

68.9802, 71.0464, 88.6749

Trichromacy



Original Color

62.0508, 70.9710, 55.2281

Protanomaly

64.9374, 70.8964, 53.9779

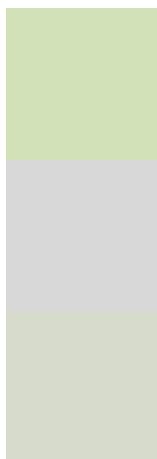
Deuteranomaly

68.2379, 70.6190, 55.9333

Tritanomaly

66.2755, 71.1178, 75.1998

Monochromacy



Original Color

62.0508, 70.9710, 55.2281

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

63.9622, 69.3188, 67.1354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0508, 70.9710, 55.2281 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(210, 225, 183)` looks like.

```
.text, #text, p{  
    color:rgb(210, 225, 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(210, 225, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 225, 183) }
```

Border

The CSS property to change the border of an element to XYZ 62.0508, 70.9710, 55.2281 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(210, 225, 183) }
```


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

```
.border{ border-color:rgb(210, 225, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 225, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 225, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 225, 183); box-shadow:4px 4px 4px 4px rgb(210, 225, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0508, 70.9710, 55.2281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 225, 183) }
```

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

```
.background{ background-color: rgb(210,  
225, 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](#).

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