

Converting Colors

XYZ(58.9964, 62.7675, 63.3005)

Have a look what the booklet for
XYZ(58.9964, 62.7675, 63.3005)
contains.

XYZ(58.8771, 62.6452, 63.0214)	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(58.8771, 62.6452,
63.0214)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D0C7
RGB	208, 208, 199
RGB Percent	82%, 82%, 78%
CMY	0.1843, 0.1843, 0.2196
CMYK	0.00, 0.00, 0.04, 0.18
HSL	60°, 9%, 80%
HSV	60°, 4%, 82%
XYZ	58.8771, 62.6452, 63.0214
YIQ	206.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

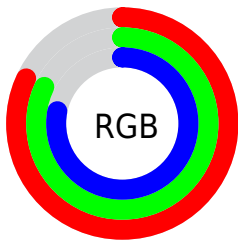
Format	Color
RYB	199, 208, 199
Decimal	13684935
CIELab	83.26, -1.60, 4.45
CIELCh	83, 4.733, 109.752
Yxy	62.6452, 0.3190, 0.3395
Android (android.graphics.Color)	4291875015 (0xFFD0D0C7)
YUV	206.9740, -3.9312, 0.8998
Hunter-Lab	79.1487, -5.7278, 8.1950

Details

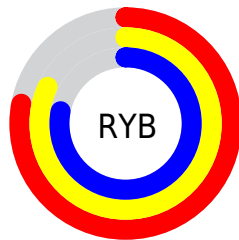
The XYZ color **58.8771, 62.6452, 63.0214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3642, 57.5447, 67.8671**, and the grayscale version is **59.3162, 62.4052, 67.9593**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.9929, 32.0256, 31.3888** is the 20% darker color. If you saturate the color by 10%, you get **56.6233, 61.7454, 51.1590**, and if you desaturate by 10%, it is **61.4646, 63.6825, 76.6252**.

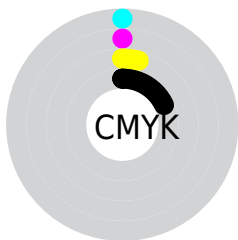
Distribution



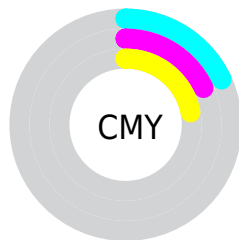
- Red (82%)
- Green (82%)
- Blue (78%)



- Red (78%)
- Yellow (82%)
- Blue (78%)



- Cyan (0%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8771, 62.6452, 63.0214 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 58.8771, 62.6452, 63.0214 by changing the saturation by 10% instead.

■ 58.8771, 62.6452,
63.0214

■ 58.8771, 62.6452,
63.0214

410.3477,
434.2807, 453.7572

■ 42.7602, 45.5542,
45.4174

102.3147,
108.6575, 110.7863

■ 29.8907, 31.8942,
31.4410

130.3660,
138.3476, 141.7842

■ 19.9033, 21.2807,
20.6736

163.1263,
173.0062, 178.0839

■ 12.4326, 13.3293,
12.6967

200.9607,
213.0177, 220.1038

■ 7.1133, 7.6557,
7.0918

244.2347,
258.7665, 268.2626

■ 3.5800, 3.8755,
3.4402

293.3136,

■ 1.4674, 1.6041,

310.6370, 322.9788

1.3236

348.5628,
369.0136, 384.6708

■ 0.3035, 0.3604,
0.0810

■ 0.0000, 0.0000,
0.0000

■ 58.8771, 62.6452,
63.0214

■ 58.8771, 62.6452,
63.0214

■ 56.6233, 61.7454,
51.1590

■ 61.4646, 63.6825,
76.6252

■ 54.6846, 60.9696,
40.9640

■ 64.3930, 64.8542,
92.0324

■ 53.0486, 60.3149,
32.3627

■ 66.6278, 65.7484,
103.7868

■ 51.7000, 59.7752,
25.2748

■ 66.6304, 65.7498,
103.7869

■ 50.6222, 59.3437,
19.6126

■ 66.6331, 65.7511,
103.7870

■ 49.7967, 59.0132,
15.2798

■ 66.6357, 65.7525,
103.7872

■ 49.2032, 58.7755,
12.1679

■ 66.6384, 65.7539,
103.7873

■ 48.8176, 58.6210,
10.1515

■ 66.6410, 65.7552,
103.7874

■ 48.6112, 58.5381,
9.0782

■ 66.6437, 65.7566,
103.7875

Harmonies

Analogous

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



59.8946, 62.6452, 62.7915



58.8771, 62.6452, 63.0214



58.0469, 62.6452, 64.6187

Triad

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



58.8771, 62.6452, 63.0214



58.2748, 62.6452, 72.6210



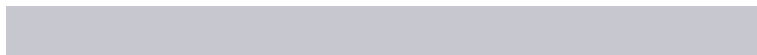
61.5080, 62.6452, 69.2217

Complementary

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



58.8771, 62.6452, 63.0214



55.3642, 57.5447, 67.8671

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.



61.0633, 62.6452, 71.9319



58.8771, 62.6452, 63.0214



59.1915, 62.6452, 73.9316

Square

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



58.8771, 62.6452, 63.0214



57.7020, 62.6452, 70.1404



60.2127, 62.6452, 73.6758



61.4215, 62.6452, 66.3153

Rectangle

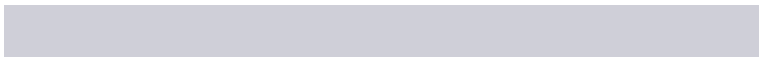
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.8771, 62.6452, 63.0214



57.7077, 62.6452, 66.2702



60.2127, 62.6452, 73.6758



61.4155, 62.6452, 70.1872

Sweetspot

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



58.8788, 62.6479, 63.0228



94.6417, 99.8366, 106.7520



56.7466, 58.3818, 62.3117



20.2615, 21.3709, 22.8720



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.



58.8788, 62.6479, 63.0228



93.0625, 99.2047, 98.4449



57.6320, 62.0052, 62.9644



12.9962, 13.8747, 13.6171



30.2543, 36.4656, 5.4440



1.6918, 2.0390, 0.3044

Inverse Universe

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



55.3642, 57.5447, 67.8671



86.5824, 89.7957, 107.3767



56.5755, 58.1692, 67.9238



11.9876, 12.4102, 15.0073



7.0968, 2.8388, 37.3664



0.3970, 0.1588, 2.0893

Previews

White Background



This preview shows how the XYZ color 58.8771, 62.6452, 63.0214 looks on a white background.

Color Contrast Check

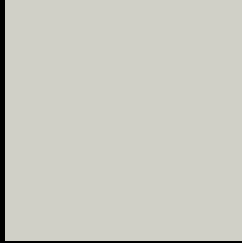
Large Text (above 18pt) WCAG AA × Fail

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 58.8771, 62.6452, 63.0214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

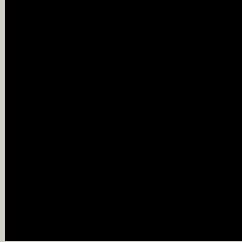
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

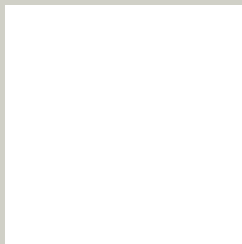
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8771, 62.6452, 63.0214

Background



This preview shows how black text looks on a background with the XYZ color 58.8771, 62.6452, 63.0214.

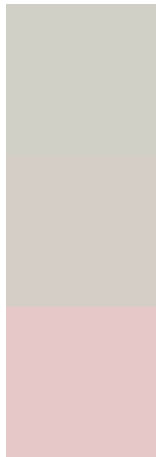


This preview shows how white text looks on a background with the XYZ color 58.8771, 62.6452,

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

58.8771, 62.6452, 63.0214

Protanopia

59.7049, 62.3660, 62.3171

Deuteranopia

63.8300, 62.3486, 63.9286



Tritanopia

61.7464, 62.7320, 77.2607

Trichromacy



Original Color

58.8771, 62.6452, 63.0214

Protanomaly

59.3698, 62.5517, 62.3706

Deuteranomaly

61.9055, 62.4116, 63.4275

Tritanomaly

60.6599, 62.6483, 71.8460

Monochromacy



Original Color

58.8771, 62.6452, 63.0214

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.9440, 62.2507, 66.0356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8771, 62.6452, 63.0214 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(208, 208, 199) looks like.

```
.text, #text, p{  
    color:rgb(208, 208, 199)  
}
```

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(208, 208, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 208, 199) }
```

Border

The CSS property to change the border of an element to XYZ 58.8771, 62.6452, 63.0214 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(208, 208, 199) }
```


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

```
.border{ border-color:rgb(208, 208, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 208, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 208, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 208, 199);  
box-shadow:4px 4px 4px 4px rgb(208, 208,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8771, 62.6452, 63.0214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 208, 199) }
```

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

```
.background{ background-color: rgb(208,  
208, 199) }
```

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