

Converting Colors

XYZ(58.7188, 60.4480, 60.3089)

Have a look what the booklet for
XYZ(58.7188, 60.4480, 60.3089)
contains.

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Color

**XYZ(58.7024, 60.4773,
60.2091)**

Conversions

Conversions Part 1

Format	Color
Hex	D6CAC3
RGB	214, 202, 195
RGB Percent	84%, 79%, 76%
CMY	0.1608, 0.2078, 0.2353
CMYK	0.00, 0.06, 0.09, 0.16
HSL	22°, 19%, 80%
HSV	22°, 9%, 84%
XYZ	58.7024, 60.4773, 60.2091
YIQ	204.7900, 9.3990, 0.3670

Conversions

Conversions Part 2

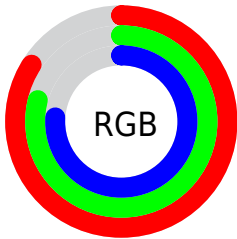
Format	Color
R _Y B	214, 206, 195
Decimal	14076611
CIE Lab	82.10, 2.97, 4.97
CIE LCh	82, 5.794, 59.143
Yxy	60.4773, 0.3272, 0.3371
Android (android.graphics.Color)	4292266691 (0xFFD6CAC3)
YUV	204.7900, -4.8265, 8.0772
Hunter-Lab	77.7672, -1.3521, 8.5333

Details

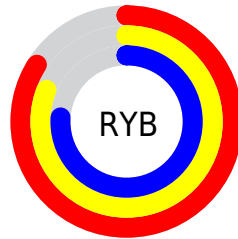
The XYZ color **58.7024, 60.4773, 60.2091** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9560, 61.0818, 72.4071**, and the grayscale version is **57.9218, 60.9382, 66.3617**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **29.6957, 30.4738, 29.5162** is the 20% darker color. If you saturate the color by 10%, you get **53.4219, 53.5144, 47.3546**, and if you desaturate by 10%, it is **64.6107, 68.1394, 74.9852**.

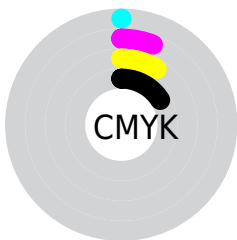
Distribution



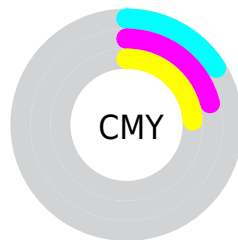
- Red (84%)
- Green (79%)
- Blue (76%)



- Red (84%)
- Yellow (81%)
- Blue (76%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7024, 60.4773, 60.2091 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 58.7024, 60.4773, 60.2091 by changing the saturation by 10% instead.

■ 58.7024, 60.4773,
60.2091

■ 58.7024, 60.4773,
60.2091

409.7100,
426.3549, 443.1941

■ 42.6190, 43.8035,
43.1608

102.0621,
105.5217, 106.6793

■ 29.7796, 30.5160,
29.6790

130.0692,
134.6611, 136.9382

■ 19.8186, 20.2306,
19.3451

162.7815,
168.7245, 172.4378

■ 12.3707, 12.5628,
11.7405

200.5645,
208.0963, 213.5966

■ 7.0707, 7.1282,
6.4469

243.7835,
253.1608, 260.8330

■ 3.5531, 3.5424,
3.0455

292.8038,

■ 1.4525, 1.4210,

304.3024, 314.5657

1.1179

347.9909,
361.9057, 375.2133

■ 0.2932, 0.2321,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7024, 60.4773,
60.2091

■ 58.7024, 60.4773,
60.2091

■ 53.4219, 53.5144,
47.3546

■ 64.6107, 68.1394,
74.9852

■ 48.7423, 47.2228,
36.3382

■ 71.1625, 76.5119,
91.7539

■ 44.6424, 41.5841,
27.0758

■ 77.6949, 85.3424,
106.9855

■ 41.0973, 36.5760,
19.4753

■ 81.5419, 93.0363,
108.2678

■ 38.0804, 32.1750,
13.4361

■ 35.5626, 28.3559,
8.8465

■ 33.5114, 25.0914,
5.5798

■ 31.8896, 22.3513,
3.4868

■ 30.6431, 20.0978,
2.3331

Harmonies

Analogous

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



59.5706, 60.4773, 62.6085



58.7024, 60.4773, 60.2091



57.5172, 60.4773, 59.3119

Triad

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



58.7024, 60.4773, 60.2091



55.1513, 60.4773, 65.7483



58.6403, 60.4773, 71.9390

Complementary

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



58.7024, 60.4773, 60.2091



56.9560, 61.0818, 72.4071

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.



57.4465, 60.4773, 72.8507



58.7024, 60.4773, 60.2091



55.4426, 60.4773, 69.2005

Square

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



58.7024, 60.4773, 60.2091



55.4771, 60.4773, 62.4390



56.2784, 60.4773, 71.8316



59.5344, 60.4773, 69.3819

Rectangle

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



58.7024, 60.4773, 60.2091



56.7104, 60.4773, 59.6608



56.2784, 60.4773, 71.8316



58.2602, 60.4773, 72.4520

Sweetspot

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



58.7041, 60.4800, 60.2104



92.3210, 96.4739, 102.0346



58.5140, 57.8339, 67.1326



19.6075, 20.4512, 21.4566



0.0000, 0.0000, 0.0000



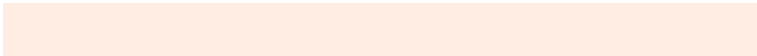
20.3446, 21.4041, 23.3091

Same Dimension

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



58.7041, 60.4800, 60.2104



85.4664, 87.5396, 85.0291



60.9930, 65.0578, 60.9734



12.7944, 13.1630, 13.0271



18.5383, 12.1938, 1.3766



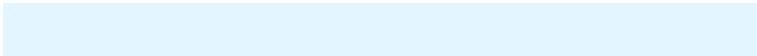
1.1960, 0.8912, 0.1090

Inverse Universe

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



56.9560, 61.0818, 72.4071



82.2625, 88.6421, 107.3817



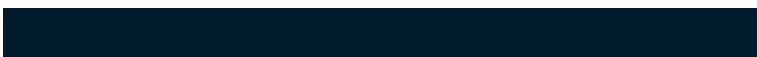
54.7317, 56.6332, 71.6656



12.3895, 13.3024, 15.8521



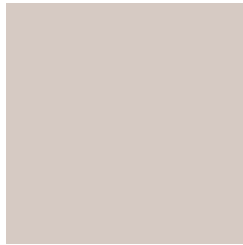
12.6854, 13.6325, 40.4159



0.8430, 0.9780, 2.4636

Previews

White Background



This preview shows how the XYZ color 58.7024, 60.4773, 60.2091 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 58.7024, 60.4773, 60.2091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

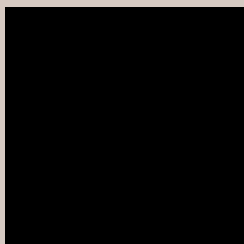
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

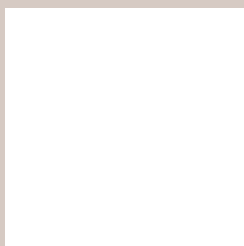
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.7024, 60.4773, 60.2091

Background



This preview shows how black text looks on a background with the XYZ color 58.7024, 60.4773, 60.2091.

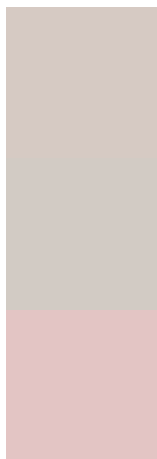


This preview shows how white text looks on a background with the XYZ color 58.7024, 60.4773,

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

58.7024, 60.4773, 60.2091

Protanopia

57.8981, 60.3990, 60.8312

Deuteranopia

61.6086, 60.2489, 60.6066



Tritanopia

61.3044, 60.5049, 72.7375

Trichromacy



Original Color

58.7024, 60.4773, 60.2091

Protanomaly

58.1837, 60.5463, 60.8445

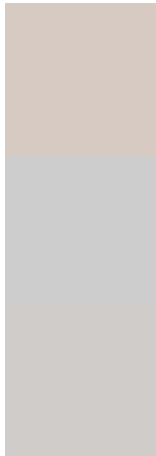
Deuteranomaly

60.5114, 60.3620, 60.6863

Tritanomaly

60.3583, 60.4615, 68.1635

Monochromacy



Original Color

58.7024, 60.4773, 60.2091

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.1479, 60.8127, 63.9316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7024, 60.4773, 60.2091 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(214, 202, 195) looks like.

```
.text, #text, p{  
    color:rgb(214, 202, 195)  
}
```

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(214, 202, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 202, 195) }
```

Border

The CSS property to change the border of an element to XYZ 58.7024, 60.4773, 60.2091 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(214, 202, 195) }
```


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

```
.border{ border-color:rgb(214, 202, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 202, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 202, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 202, 195);  
box-shadow:4px 4px 4px 4px rgb(214, 202,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7024, 60.4773, 60.2091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 202, 195) }
```

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

```
.background{ background-color: rgb(214,  
202, 195) }
```

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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