

Converting Colors

XYZ(59.5892, 62.4424, 59.9767)

Have a look what the booklet for
XYZ(59.5892, 62.4424, 59.9767)
contains.

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Color

**XYZ(59.5405, 62.3338,
59.9324)**

Conversions

Conversions Part 1

Format	Color
Hex	D6CEC2
RGB	214, 206, 194
RGB Percent	84%, 81%, 76%
CMY	0.1608, 0.1921, 0.2392
CMYK	0.00, 0.04, 0.09, 0.16
HSL	36°, 20%, 80%
HSV	36°, 9%, 84%
XYZ	59.5405, 62.3338, 59.9324
YIQ	207.0240, 8.6200, -2.0360

Conversions

Conversions Part 2

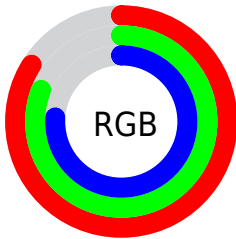
Format	Color
R _Y B	207, 214, 194
Decimal	14077634
CIE Lab	83.09, 0.71, 6.94
CIE LCh	83, 6.975, 84.194
Yxy	62.3338, 0.3275, 0.3429
Android (android.graphics.Color)	4292267714 (0xFFD6CEC2)
YUV	207.0240, -6.4208, 6.1180
Hunter-Lab	78.9518, -3.5520, 10.2591

Details

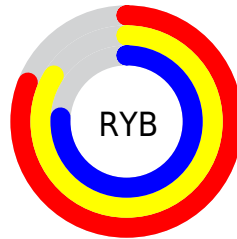
The XYZ color **59.5405, 62.3338, 59.9324** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5062, 58.5645, 71.9977**, and the grayscale version is **59.3613, 62.4527, 68.0110**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **30.2599, 31.7209, 29.3388** is the 20% darker color. If you saturate the color by 10%, you get **55.3046, 57.4349, 47.5044**, and if you desaturate by 10%, it is **64.2381, 67.6009, 74.2234**.

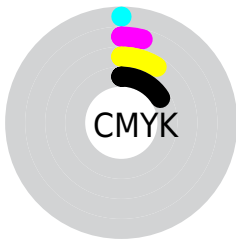
Distribution



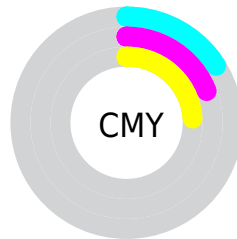
- Red (84%)
- Green (81%)
- Blue (76%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (9%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5405, 62.3338, 59.9324 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 59.5405, 62.3338, 59.9324 by changing the saturation by 10% instead.

■ 59.5405, 62.3338,
59.9324

■ 59.5405, 62.3338,
59.9324

412.7639,
433.1476, 442.1463

■ 43.2964, 45.3025,
42.9392

■ 103.2730,
108.2078, 106.2740

■ 30.3133, 31.6957,
29.5064

131.4920,
137.8193, 136.4595

■ 20.2258, 21.1292,
19.2153

164.4335,
172.3930, 171.8795

■ 12.6685, 13.2185,
11.6476

202.4627,
212.3132, 212.9526

■ 7.2761, 7.5792,
6.3846

245.9450,
257.9644, 260.0973

■ 3.6832, 3.8269,
3.0078

295.2457,

■ 1.5245, 1.5772,

309.7309, 313.7321

1.0986

350.7302,
367.9972, 374.2756

■ 0.3424, 0.3422,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5405, 62.3338,
59.9324

■ 59.5405, 62.3338,
59.9324

■ 55.3046, 57.4349,
47.5044

■ 64.2381, 67.6009,
74.2234

■ 51.5089, 52.8866,
36.8572

■ 69.4079, 73.2370,
90.4469

■ 48.1373, 48.6817,
27.9086

■ 74.5465, 79.0455,
105.9360

■ 45.1711, 44.8096,
20.5679

■ 77.0093, 83.9712,
106.7570

■ 42.5896, 41.2591,
14.7361

■ 79.5910, 89.1345,
107.6175

■ 40.3700, 38.0180,
10.3032

■ 81.5419, 93.0363,
108.2678

■ 38.4868, 35.0727,
7.1439

■ 36.9098, 32.4078,
5.1102

■ 35.5901, 30.0005,
3.9551

Harmonies

Analogous

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



60.9607, 62.3338, 61.3502



59.5405, 62.3338, 59.9324



58.0648, 62.3338, 60.5674

Triad

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



59.5405, 62.3338, 59.9324



56.6381, 62.3338, 71.3349



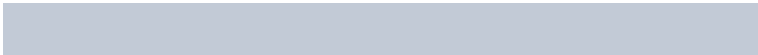
61.6316, 62.3338, 72.8511

Complementary

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



59.5405, 62.3338, 59.9324



55.5062, 58.5645, 71.9977

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.



60.4439, 62.3338, 75.7391



59.5405, 62.3338, 59.9324



57.5645, 62.3338, 74.8380

Square

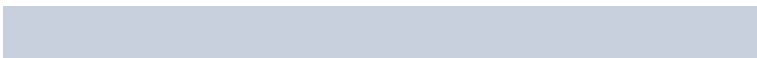
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.5405, 62.3338, 59.9324



56.4055, 62.3338, 67.0335



58.9533, 62.3338, 76.4812



62.1812, 62.3338, 68.7153

Rectangle

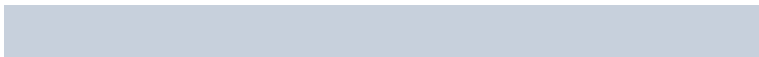
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.5405, 62.3338, 59.9324



57.2461, 62.3338, 62.0838



58.9533, 62.3338, 76.4812



61.2928, 62.3338, 74.0070

Sweetspot

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



59.5422, 62.3365, 59.9337



92.8746, 97.5811, 102.2191



57.6848, 57.1449, 63.8677



19.7569, 20.7498, 21.5064



0.0000, 0.0000, 0.0000



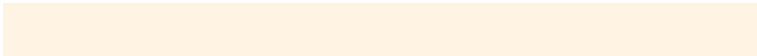
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5422, 62.3365, 59.9337



87.3844, 91.3756, 85.6685



60.9363, 65.9861, 60.5647



13.0369, 13.6481, 13.1079



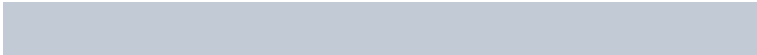
21.5669, 18.2510, 2.3861



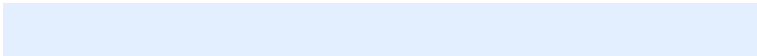
1.3808, 1.2608, 0.1706

Inverse Universe

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



55.5062, 58.5645, 71.9977



80.3352, 84.7877, 106.7393



54.1952, 55.1753, 71.4126



12.1460, 12.8154, 15.7710



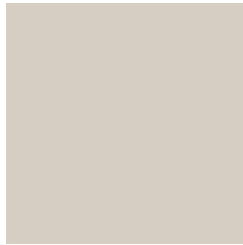
9.4221, 7.1060, 39.3281



0.6481, 0.5883, 2.3987

Previews

White Background



This preview shows how the XYZ color 59.5405, 62.3338, 59.9324 looks on a white background.

Color Contrast Check

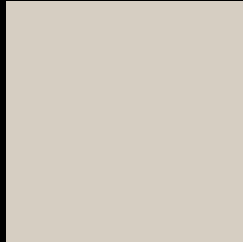
Large Text (above 18pt) WCAG AA × Fail

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 59.5405, 62.3338, 59.9324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

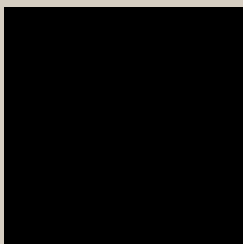
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

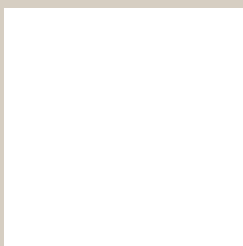
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5405, 62.3338, 59.9324

Background



This preview shows how black text looks on a background with the XYZ color 59.5405, 62.3338, 59.9324.

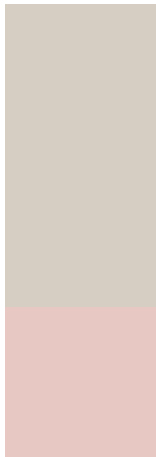


This preview shows how white text looks on a background with the XYZ color 59.5405, 62.3338,

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

59.5405, 62.3338, 59.9324

Protanopia

59.5405, 62.3338, 59.9324

Deuteranopia

63.4596, 62.2376, 60.2981



Tritanopia

62.3907, 62.0547, 75.0191

Trichromacy



Original Color

59.5405, 62.3338, 59.9324

Protanomaly

59.5405, 62.3338, 59.9324

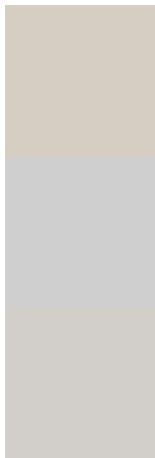
Deuteranomaly

62.0222, 62.1887, 60.3645

Tritanomaly

61.1835, 61.9143, 69.0475

Monochromacy



Original Color

59.5405, 62.3338, 59.9324

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.5518, 62.5916, 64.8198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5405, 62.3338, 59.9324 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, 206, 194) looks like.

```
.text, #text, p{  
    color:rgb(214, 206, 194)  
}
```

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, 206, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 206, 194) }
```

Border

The CSS property to change the border of an element to XYZ 59.5405, 62.3338, 59.9324 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, 206, 194) }
```


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

```
.border{ border-color:rgb(214, 206, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 206, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 206, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 206, 194);  
box-shadow:4px 4px 4px 4px rgb(214, 206,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5405, 62.3338, 59.9324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 206, 194) }
```

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

```
.background{ background-color: rgb(214,  
206, 194) }
```

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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