

Converting Colors

XYZ(59.7655, 60.3451, 54.3967)

Have a look what the booklet for
XYZ(59.7655, 60.3451, 54.3967)
contains.

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Color

**XYZ(59.8427, 60.4993,
54.4224)**

Conversions

Conversions Part 1

Format	Color
Hex	DFC8B9
RGB	223, 200, 185
RGB Percent	87%, 78%, 73%
CMY	0.1255, 0.2157, 0.2745
CMYK	0.00, 0.10, 0.17, 0.13
HSL	24°, 37%, 80%
HSV	24°, 17%, 87%
XYZ	59.8427, 60.4993, 54.4224
YIQ	205.1670, 18.5230, 0.2110

Conversions

Conversions Part 2

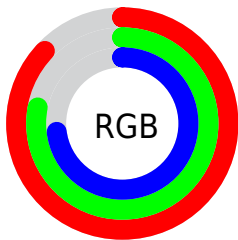
Format	Color
R _Y B	223, 210, 185
Decimal	14665913
CIE Lab	82.11, 5.66, 10.43
CIE LCh	82, 11.868, 61.517
Yxy	60.4993, 0.3424, 0.3462
Android (android.graphics.Color)	4292855993 (0xFFDFC8B9)
YUV	205.1670, -9.9423, 15.6395
Hunter-Lab	77.7813, 1.2155, 12.9626

Details

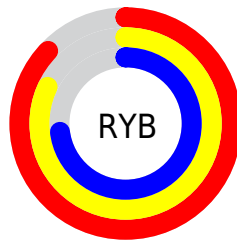
The XYZ color **59.8427, 60.4993, 54.4224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8825, 60.7525, 78.5938**, and the grayscale version is **58.1890, 61.2193, 66.6679**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **30.5922, 30.5485, 26.1139** is the 20% darker color. If you saturate the color by 10%, you get **54.6825, 53.6550, 41.9846**, and if you desaturate by 10%, it is **65.6514, 68.0485, 68.8994**.

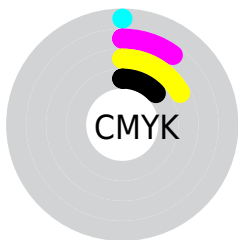
Distribution



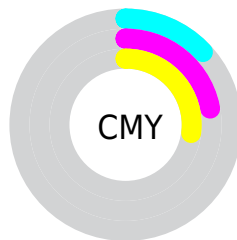
- Red (87%)
- Green (78%)
- Blue (73%)



- Red (87%)
- Yellow (82%)
- Blue (73%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (13%)




- Cyan (13%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8427, 60.4993, 54.4224 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 59.8427, 60.4993, 54.4224 by changing the saturation by 10% instead.


 59.8427, 60.4993,
54.4224

 59.8427, 60.4993,
54.4224


413.8618,
426.4357, 420.9388

 43.5408, 43.8212,
38.5440


 103.7091,
105.5536, 98.1568

 30.5060, 30.5300,
26.1001

132.0043,
134.6987, 126.8499

 20.3730, 20.2412,
16.6721


165.0281,
168.7681, 160.6516

 12.7763, 12.5705,
9.8415

203.1457,
208.1464, 199.9805

 7.3506, 7.1335,
5.1898

246.7225,
253.2179, 245.2552

 3.7306, 3.5457,
2.2983

296.1239,

 1.5509, 1.4228,

304.3670, 296.8941

0.7303

351.7152,
361.9782, 355.3157

■ 0.3601, 0.2335,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8427, 60.4993,
54.4224

■ 59.8427, 60.4993,
54.4224

■ 54.6825, 53.6550,
41.9846

■ 65.6514, 68.0485,
68.8994

■ 50.1415, 47.4865,
31.4894

■ 72.1266, 76.3146,
85.4987

■ 46.1956, 41.9742,
22.8381

■ 79.2915, 85.3195,
104.3030

■ 42.8167, 37.0946,
15.9217

■ 83.9189, 93.7825,
108.2866

■ 39.9744, 32.8226,
10.6193

■ 84.2417, 94.4281,
108.3942

■ 37.6347, 29.1310,
6.7945

■ 35.7590, 25.9899,
4.2878

■ 34.2989, 23.3647,
2.8916

■ 33.9256, 22.6759,
2.5888

Harmonies

Analogous

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



61.7296, 60.4993, 58.8879



59.8427, 60.4993, 54.4224



57.3747, 60.4993, 52.9622

Triad

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



59.8427, 60.4993, 54.4224



52.7975, 60.4993, 66.2411



60.0709, 60.4993, 78.4147

Complementary

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



59.8427, 60.4993, 54.4224



55.8825, 60.7525, 78.5938

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.



57.6310, 60.4993, 80.7290



59.8427, 60.4993, 54.4224



53.4735, 60.4993, 73.3907

Square

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



59.8427, 60.4993, 54.4224



53.3515, 60.4993, 59.4798



55.2246, 60.4993, 78.8277



61.8640, 60.4993, 72.7097

Rectangle

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



59.8427, 60.4993, 54.4224



55.7453, 60.4993, 53.7979



55.2246, 60.4993, 78.8277



59.2968, 60.4993, 79.6330

Sweetspot

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



59.8443, 60.5020, 54.4237



90.6524, 94.3814, 97.6409



59.2197, 54.9621, 67.4427



19.2750, 20.0368, 20.5732



0.0000, 0.0000, 0.0000



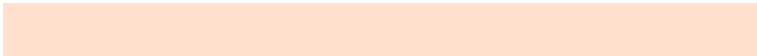
20.3446, 21.4041, 23.3091

Same Dimension

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



59.8443, 60.5020, 54.4237



78.8316, 79.0047, 68.2213



64.4077, 69.6287, 55.9448



14.1490, 14.5840, 14.3760



20.0505, 13.5390, 1.5565



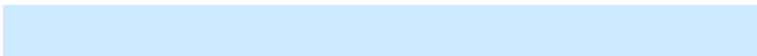
1.4753, 1.1095, 0.1364

Inverse Universe

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



55.8825, 60.7525, 78.5938



72.6209, 79.3955, 106.1051



51.6186, 52.2247, 77.1725



13.6387, 14.6165, 17.4901



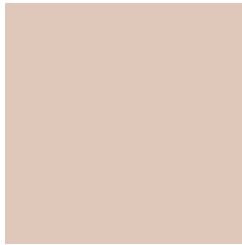
13.0349, 13.5393, 42.9747



0.9901, 1.1116, 3.0076

Previews

White Background



This preview shows how the XYZ color 59.8427, 60.4993, 54.4224 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 59.8427, 60.4993, 54.4224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

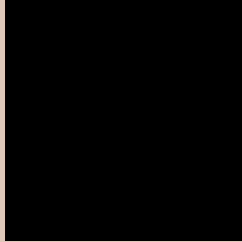
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8427, 60.4993, 54.4224

Background



This preview shows how black text looks on a background with the XYZ color 59.8427, 60.4993, 54.4224.



This preview shows how white text looks on a background with the XYZ color 59.8427, 60.4993,

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

59.8427, 60.4993, 54.4224

Protanopia

57.7139, 60.7706, 55.7018

Deuteranopia

61.7842, 60.4666, 54.8692



Tritanopia

62.8618, 60.3518, 69.9639

Trichromacy



Original Color

59.8427, 60.4993, 54.4224

Protanomaly

58.5378, 60.8560, 55.1155

Deuteranomaly

61.0519, 60.4273, 54.9002

Tritanomaly

61.6783, 60.2043, 64.2469

Monochromacy



Original Color

59.8427, 60.4993, 54.4224

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.7004, 60.7861, 62.0651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8427, 60.4993, 54.4224 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(223, 200, 185)` looks like.

```
.text, #text, p{  
    color:rgb(223, 200, 185)  
}
```

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(223, 200, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 200, 185) }
```

Border

The CSS property to change the border of an element to XYZ 59.8427, 60.4993, 54.4224 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(223, 200, 185) }
```


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

```
.border{ border-color:rgb(223, 200, 185) }
```

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

Here you see how a box with a 4 pixel rgb(223, 200, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 200, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 200, 185);  
box-shadow:4px 4px 4px 4px rgb(223, 200,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8427, 60.4993, 54.4224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 200, 185) }
```

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

```
.background{ background-color: rgb(223,  
200, 185) }
```

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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