

Converting Colors

XYZ(58.9823, 62.7837, 54.9158)

Have a look what the booklet for
XYZ(58.9823, 62.7837, 54.9158)
contains.

XYZ(59.0444, 62.9107, 54.9299)	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(59.0444, 62.9107,
54.9299)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D0B9
RGB	214, 208, 185
RGB Percent	84%, 82%, 73%
CMY	0.1608, 0.1843, 0.2745
CMYK	0.00, 0.03, 0.14, 0.16
HSL	48°, 26%, 78%
HSV	48°, 14%, 84%
XYZ	59.0444, 62.9107, 54.9299
YIQ	207.1720, 10.9590, -5.8810

Conversions

Conversions Part 2

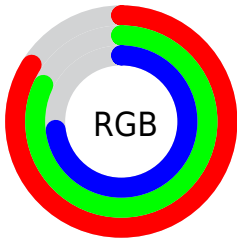
Format	Color
RYB	193, 214, 185
Decimal	14078137
CIELab	83.40, -1.80, 12.16
CIELCh	83, 12.290, 98.420
Yxy	62.9107, 0.3338, 0.3557
Android (android.graphics.Color)	4292268217 (0xFFD6D0B9)
YUV	207.1720, -10.9308, 5.9882
Hunter-Lab	79.3163, -5.9250, 14.4605

Details

The XYZ color **59.0444, 62.9107, 54.9299** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7758, 52.4299, 71.0627**, and the grayscale version is **59.4838, 62.5816, 68.1513**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **30.0185, 32.1481, 26.4528** is the 20% darker color. If you saturate the color by 10%, you get **55.8901, 59.9490, 43.5591**, and if you desaturate by 10%, it is **62.5723, 66.0742, 68.1043**.

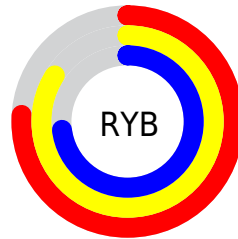
Distribution



Red (84%)

Green (82%)

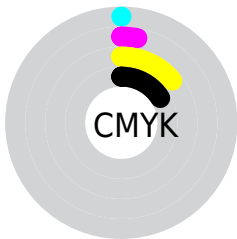
Blue (73%)



Red (76%)

Yellow (84%)

Blue (73%)

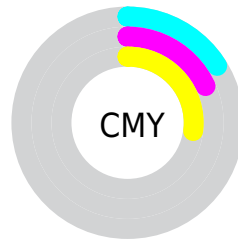


Cyan (0%)

Magenta (3%)

Yellow (14%)

Black (16%)



Cyan (16%)


Magenta (18%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0444, 62.9107, 54.9299 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 59.0444, 62.9107, 54.9299 by changing the saturation by 10% instead.

 59.0444, 62.9107,
54.9299

 59.0444, 62.9107,
54.9299


410.9578,
435.2453, 422.9206

 42.8954, 45.7690,
38.9474


 102.5565,
109.0407, 98.9084

 29.9972, 32.0635,
26.4113


130.6502,
138.7977, 127.7414

 19.9845, 21.4100,
16.9031


163.4562,
173.5286, 161.6950

 12.4920, 13.4241,
10.0042

201.3398,
213.6178, 201.1877

 7.1542, 7.7212,
5.2961

244.6665,
259.4497, 246.6381

 3.6059, 3.9171,
2.3602

293.8014,

 1.4817, 1.6273,

311.4086, 298.4647

0.7647

349.1101,
369.8791, 357.0860

■ 0.3133, 0.3759,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0444, 62.9107,
54.9299

■ 59.0444, 62.9107,
54.9299

■ 55.8901, 59.9490,
43.5591

■ 62.5723, 66.0742,
68.1043

■ 53.0889, 57.1743,
33.9082

■ 66.4831, 69.4372,
83.1532

■ 50.6260, 54.5822,
25.8925

■ 70.7922, 73.0085,
100.1485

■ 48.4834, 52.1652,
19.4187

■ 72.8974, 75.7475,
105.3864

46.6413, 49.9151,
14.3842

74.1140, 78.1807,
105.7919

45.0778, 47.8225,
10.6737

75.3619, 80.6765,
106.2079

43.7672, 45.8768,
8.1541

76.6413, 83.2352,
106.6343

42.6787, 44.0653,
6.6645

77.9523, 85.8574,
107.0713

42.0610, 42.9547,
6.0742

79.2953, 88.5434,
107.5190

Harmonies

Analogous

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



61.7075, 62.9107, 55.6880



59.0444, 62.9107, 54.9299



56.6536, 62.9107, 57.5889

Triad

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



59.0444, 62.9107, 54.9299



55.8529, 62.9107, 78.0716



64.7088, 62.9107, 74.0640

Complementary

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



59.0444, 62.9107, 54.9299



50.7758, 52.4299, 71.0627

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.



63.0499, 62.9107, 80.7068



59.0444, 62.9107, 54.9299



57.9219, 62.9107, 83.1381

Square

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



59.0444, 62.9107, 54.9299



54.8473, 62.9107, 70.6797



60.5514, 62.9107, 84.1368



65.0311, 62.9107, 66.3637

Rectangle

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



59.0444, 62.9107, 54.9299



55.5171, 62.9107, 61.0672



60.5514, 62.9107, 84.1368



64.2867, 62.9107, 76.5107

Sweetspot

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



59.0461, 62.9135, 54.9312



92.7818, 98.0222, 100.2563



54.5164, 52.7690, 56.7668



19.7701, 20.9024, 21.1219



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.



59.0461, 62.9135, 54.9312



86.5310, 92.3809, 77.0230



58.1977, 64.6874, 55.3184



13.2447, 14.0636, 13.1772



25.4997, 26.1166, 3.6970



1.5942, 1.6875, 0.2417

Inverse Universe

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



50.7758, 52.4299, 71.0627



72.1303, 74.1269, 105.1140



51.5349, 50.9198, 70.7312



11.9486, 12.4205, 15.7052



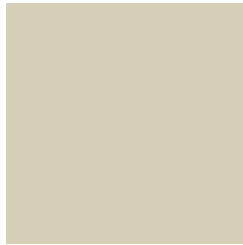
7.9470, 4.1557, 38.8364



0.5398, 0.3716, 2.3626

Previews

White Background



This preview shows how the XYZ color 59.0444, 62.9107, 54.9299 looks on a white background.

Color Contrast Check

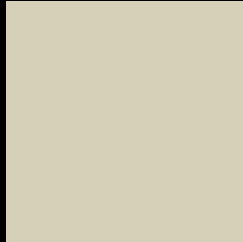
Large Text (above 18pt) WCAG AA × Fail

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 59.0444, 62.9107, 54.9299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

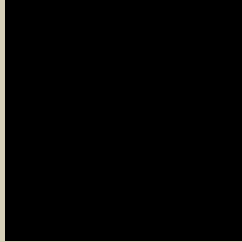
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

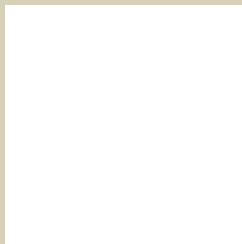
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0444, 62.9107, 54.9299

Background



This preview shows how black text looks on a background with the XYZ color 59.0444, 62.9107, 54.9299.



This preview shows how white text looks on a background with the XYZ color 59.0444, 62.9107,

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

59.0444, 62.9107, 54.9299

Protanopia

59.6851, 62.8801, 54.8903

Deuteranopia

64.2160, 62.7293, 55.7371



Tritanopia

63.3555, 62.8864, 75.8169

Trichromacy



Original Color

59.0444, 62.9107, 54.9299

Protanomaly

59.3887, 62.7274, 54.8764

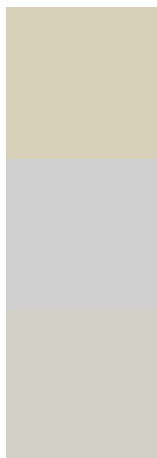
Deuteranomaly

62.2138, 62.7510, 55.2875

Tritanomaly

61.7091, 62.9194, 67.9237

Monochromacy



Original Color

59.0444, 62.9107, 54.9299

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.2000, 62.4508, 62.9669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0444, 62.9107, 54.9299 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, 208, 185) looks like.

```
.text, #text, p{  
    color:rgb(214, 208, 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(214, 208, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 208, 185) }
```

Border

The CSS property to change the border of an element to XYZ 59.0444, 62.9107, 54.9299 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, 208, 185) }
```


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

```
.border{ border-color:rgb(214, 208, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 208, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 208, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 208, 185);  
box-shadow:4px 4px 4px 4px rgb(214, 208,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0444, 62.9107, 54.9299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 208, 185) }
```

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

```
.background{ background-color: rgb(214,  
208, 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](#).

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