

Converting Colors

XYZ(59.1551, 64.1702, 50.3426)

Have a look what the booklet for
XYZ(59.1551, 64.1702, 50.3426)
contains.

XYZ(59.1551, 64.1702, 50.3426)	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(59.1551, 64.1702,
50.3426)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D3B0
RGB	215, 211, 176
RGB Percent	84%, 83%, 69%
CMY	0.1569, 0.1725, 0.3098
CMYK	0.00, 0.02, 0.18, 0.16
HSL	54°, 33%, 77%
HSV	54°, 18%, 84%
XYZ	59.1551, 64.1702, 50.3426
YIQ	208.2060, 13.6190, -10.0370

Conversions

Conversions Part 2

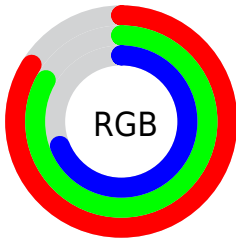
Format	Color
RYB	180, 215, 176
Decimal	14144432
CIELab	84.05, -4.37, 17.86
CIELCh	84, 18.383, 103.763
Yxy	64.1702, 0.3406, 0.3695
Android (android.graphics.Color)	4292334512 (0xFFD7D3B0)
YUV	208.2060, -15.8776, 5.9583
Hunter-Lab	80.1063, -8.3714, 18.8138

Details

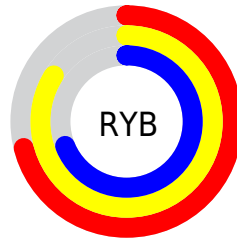
The XYZ color **59.1551, 64.1702, 50.3426** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.4914, 46.7780, 70.8692**, and the grayscale version is **60.1829, 63.3171, 68.9523**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **30.1293, 33.0176, 23.5239** is the 20% darker color. If you saturate the color by 10%, you get **56.6513, 62.3012, 39.8309**, and if you desaturate by 10%, it is **62.0068, 66.1947, 62.6341**.

Distribution



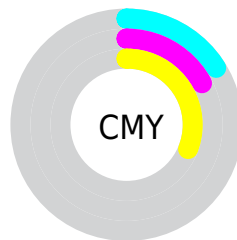
- Red (84%)
- Green (83%)
- Blue (69%)



- Red (71%)
- Yellow (84%)
- Blue (69%)



- Cyan (0%)
- Magenta (2%)
- Yellow (18%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1551, 64.1702, 50.3426 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 59.1551, 64.1702, 50.3426 by changing the saturation by 10% instead.

■ 59.1551, 64.1702,
50.3426

■ 59.1551, 64.1702,
50.3426

411.3613,
439.8040, 404.7776

■ 42.9848, 46.7885,
35.3126

■ 102.7164,
110.8560, 92.0838

■ 30.0677, 32.8685,
23.6183

130.8381,
140.9290, 119.6321

■ 20.0383, 22.0257,
14.8411

163.6744,
176.0011, 152.1902

■ 12.5313, 13.8758,
8.5626

201.5906,
216.4569, 190.1768

■ 7.1814, 8.0343,
4.3641

244.9520,
262.6807, 234.0102

■ 3.6231, 4.1169,
1.8271

294.1240,

■ 1.4912, 1.7392,

315.0569, 284.1092

0.4458

349.4720,
373.9698, 340.8921

■ 0.3198, 0.4488,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1551, 64.1702,
50.3426

■ 59.1551, 64.1702,
50.3426

■ 56.6513, 62.3012,
39.8309

■ 62.0068, 66.1947,
62.6341

■ 54.4744, 60.5728,
31.0115

■ 65.2161, 68.3720,
76.7790

■ 52.6090, 58.9809,
23.7958

■ 68.7987, 70.7108,
92.8521

■ 51.0364, 57.5180,
18.0854

■ 71.6195, 72.7570,
104.8765

■ 49.7358, 56.1756,
13.7710

■ 72.2007, 73.9196,
105.0703

■ 48.6837, 54.9445,
10.7289

■ 72.7897, 75.0975,
105.2666

■ 47.8524, 53.8133,
8.8132

■ 73.3863, 76.2907,
105.4654

■ 47.2015, 52.7660,
7.8120

■ 73.9906, 77.4993,
105.6669

■ 47.0889, 52.5758,
7.6663

■ 74.6026, 78.7234,
105.8709

Harmonies

Analogous

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



63.1988, 64.1702, 50.5436



59.1551, 64.1702, 50.3426



55.7546, 64.1702, 54.9479

Triad

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



59.1551, 64.1702, 50.3426



55.5305, 64.1702, 86.4873



68.7909, 64.1702, 76.3043

Complementary

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



59.1551, 64.1702, 50.3426



46.4914, 46.7780, 70.8692

Split Complementary

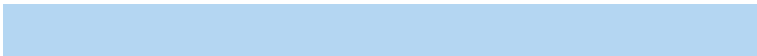
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.5472, 64.1702, 87.2762



59.1551, 64.1702, 50.3426



58.8368, 64.1702, 93.5859

Square

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



59.1551, 64.1702, 50.3426



53.7255, 64.1702, 75.3203



62.8662, 64.1702, 93.8896



68.8855, 64.1702, 64.6900

Rectangle

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



59.1551, 64.1702, 50.3426



54.2600, 64.1702, 60.4532



62.8662, 64.1702, 93.8896



68.2587, 64.1702, 80.2181

Sweetspot

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



59.1568, 64.1730, 50.3440



92.6493, 98.3753, 98.3066



51.8448, 48.8164, 50.1652



19.7609, 21.0085, 20.7351



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.



59.1568, 64.1730, 50.3440



85.4910, 93.2866, 67.4722



55.9704, 64.0223, 50.4828



13.3591, 14.2924, 13.2153



28.2100, 31.5373, 4.6005



1.7335, 1.9663, 0.2882

Inverse Universe

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



46.4914, 46.7780, 70.8692



63.3237, 62.8425, 103.4000



49.2652, 47.0278, 70.7712



11.8440, 12.2114, 15.6703



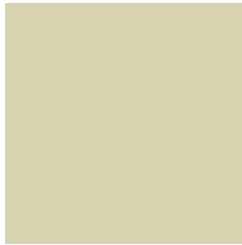
7.5447, 3.3512, 38.7024



0.4907, 0.2734, 2.3462

Previews

White Background



This preview shows how the XYZ color 59.1551, 64.1702, 50.3426 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 59.1551, 64.1702, 50.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

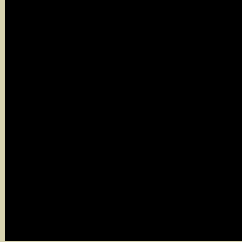
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1551, 64.1702, 50.3426

Background



This preview shows how black text looks on a background with the XYZ color 59.1551, 64.1702, 50.3426.



This preview shows how white text looks on a background with the XYZ color 59.1551, 64.1702,

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

59.1551, 64.1702, 50.3426

Protanopia

60.3571, 64.0682, 49.7427

Deuteranopia

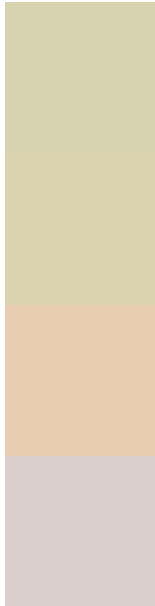
65.4320, 64.1562, 51.0542



Tritanopia

64.7013, 64.2553, 77.3990

Trichromacy



Original Color

59.1551, 64.1702, 50.3426

Protanomaly

59.9979, 64.2484, 49.7964

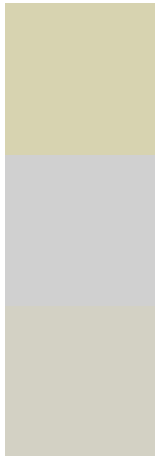
Deuteranomaly

63.0458, 63.9928, 50.6239

Tritanomaly

62.5457, 64.0935, 66.8324

Monochromacy



Original Color

59.1551, 64.1702, 50.3426

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.6282, 63.4353, 61.3261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1551, 64.1702, 50.3426 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(215, 211, 176)` looks like.

```
.text, #text, p{  
    color:rgb(215, 211, 176)  
}
```

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(215, 211, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 211, 176) }
```

Border

The CSS property to change the border of an element to XYZ 59.1551, 64.1702, 50.3426 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(215, 211, 176) }
```


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

```
.border{ border-color:rgb(215, 211, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 211, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 211, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 211, 176);  
box-shadow:4px 4px 4px 4px rgb(215, 211,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1551, 64.1702, 50.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 211, 176) }
```

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

```
.background{ background-color: rgb(215,  
211, 176) }
```

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