

Converting Colors

XYZ(53.5257, 59.8609, 31.2874)

Have a look what the booklet for
XYZ(53.5257, 59.8609, 31.2874)
contains.

XYZ(53.5258, 59.8609, 31.2875)	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(53.5258, 59.8609,
31.2875)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CE86
RGB	212, 206, 134
RGB Percent	83%, 81%, 53%
CMY	0.1686, 0.1921, 0.4745
CMYK	0.00, 0.03, 0.37, 0.17
HSL	55°, 48%, 68%
HSV	55°, 37%, 83%
XYZ	53.5258, 59.8609, 31.2875
YIQ	199.5860, 26.6880, -21.1200

Conversions

Conversions Part 2

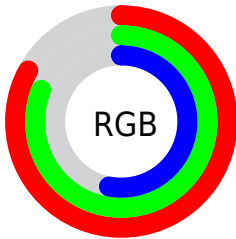
Format	Color
RYB	141, 212, 134
Decimal	13946502
CIELab	81.76, -8.49, 36.58
CIELCh	82, 37.551, 103.067
Yxy	59.8609, 0.3700, 0.4138
Android (android.graphics.Color)	4292136582 (0xFFD4CE86)
YUV	199.5860, -32.3339, 10.8871
Hunter-Lab	77.3698, -11.9078, 30.1827

Details

The XYZ color **53.5258, 59.8609, 31.2875** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.0932, 28.5773, 66.1646**, and the grayscale version is **54.8274, 57.6826, 62.8164**.

A 20% lighter version of the original color is **86.0771, 96.4108, 61.6494**, and **26.4999, 30.1489, 12.6062** is the 20% darker color. If you saturate the color by 10%, you get **51.8033, 58.5496, 24.1354**, and if you desaturate by 10%, it is **55.5518, 61.3043, 40.0045**.

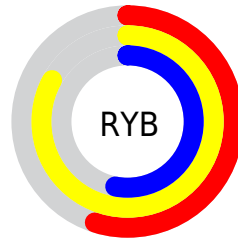
Distribution



Red (83%)

Green (81%)

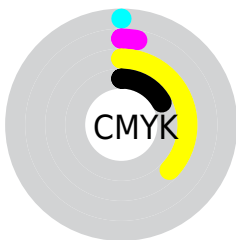
Blue (53%)



Red (55%)

Yellow (83%)

Blue (53%)

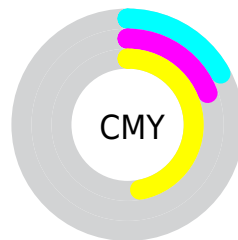


Cyan (0%)

Magenta (3%)

Yellow (37%)

Black (17%)



Cyan (17%)


Magenta (19%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5258, 59.8609, 31.2875 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 53.5258, 59.8609, 31.2875 by changing the saturation by 10% instead.


 53.5258, 59.8609,
31.2875


 53.5258, 59.8609,
31.2875


390.5271,
424.0849, 322.2528


 38.4518, 43.3065,
20.5576


 94.5386, 104.6279,
62.7773

 26.5124, 30.1257,
12.6129


 121.2082,
133.6092, 84.3743

 17.3420, 19.9340,
7.0350


 152.4736,
167.5017, 110.4306

 10.5755, 12.3471,
3.4052

188.7004,
206.6897, 141.3650

 5.8473, 6.9805,
1.3051

230.2537,
251.5577, 177.5958

 2.7922, 3.4499,
0.0659

277.4991,

 1.0449, 1.3709,

302.4899, 219.5417

0.0000

330.8017,
359.8708, 267.6212

■ 0.0000, 0.1951,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.5258, 59.8609,
31.2875

■ 53.5258, 59.8609,
31.2875

■ 51.8033, 58.5496,
24.1354

■ 55.5518, 61.3043,
40.0045

■ 50.3620, 57.3552,
18.4506

■ 57.8931, 62.8783,
50.3688


■ 49.1837, 56.2724,
14.1306


■ 60.5665, 64.5916,
62.4612


■ 48.2460, 55.2923,
11.0578


■ 63.5860, 66.4500,
76.3563


 47.5228, 54.4045,
9.0952

 66.9651, 68.4587,
92.1244

 46.9804, 53.5954,
8.0641

 69.7014, 70.2170,
104.4873

 46.8252, 53.3447,
7.8286

 70.1204, 71.0549,
104.6270

 70.5435, 71.9012,
104.7680

 70.9708, 72.7557,
104.9104

Harmonies

Analogous

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



61.4419, 59.8609, 31.7560



53.5258, 59.8609, 31.2875



47.1287, 59.8609, 38.2530

Triad

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



53.5258, 59.8609, 31.2875



46.4918, 59.8609, 99.6791



72.7226, 59.8609, 78.7064

Complementary

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



53.5258, 59.8609, 31.2875



31.0932, 28.5773, 66.1646

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.



67.9273, 59.8609, 102.4624



53.5258, 59.8609, 31.2875



52.5800, 59.8609, 116.3634

Square

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



53.5258, 59.8609, 31.2875



43.3285, 59.8609, 75.5318



60.4048, 59.8609, 117.4861



73.0358, 59.8609, 55.8170

Rectangle

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



53.5258, 59.8609, 31.2875



44.3842, 59.8609, 47.3716



60.4048, 59.8609, 117.4861



71.5625, 59.8609, 86.9670

Sweetspot

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



53.5273, 59.8636, 31.2887



90.1743, 96.9555, 86.5985



40.4476, 32.9562, 29.2349



19.1820, 20.6762, 17.9972



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.



53.5273, 59.8636, 31.2887



79.2532, 89.3780, 38.9818



46.5532, 58.4519, 31.3838



13.3874, 14.3490, 13.2247



28.9409, 32.9991, 4.8441



1.7704, 2.0400, 0.3004

Inverse Universe

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



31.0932, 28.5773, 66.1646



40.4780, 35.3115, 99.2901



36.2403, 29.9656, 66.1613



11.8185, 12.1605, 15.6618



7.4820, 3.2258, 38.6814



0.4787, 0.2493, 2.3422

Previews

White Background



This preview shows how the XYZ color 53.5258, 59.8609, 31.2875 looks on a white background.

Color Contrast Check

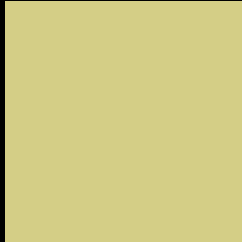
Large Text (above 18pt) WCAG AA × Fail

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 53.5258, 59.8609, 31.2875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

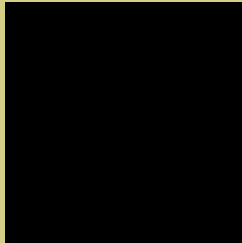
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5258, 59.8609, 31.2875

Background



This preview shows how black text looks on a background with the XYZ color 53.5258, 59.8609, 31.2875.



This preview shows how white text looks on a background with the XYZ color 53.5258, 59.8609,

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

53.5258, 59.8609, 31.2875

Protanopia

55.4084, 59.7775, 30.8082

Deuteranopia

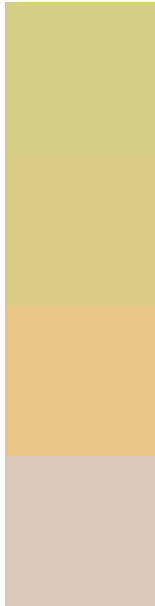
60.7693, 59.4444, 31.9379



Tritanopia

61.4424, 59.6055, 70.5540

Trichromacy



Original Color

53.5258, 59.8609, 31.2875

Protanomaly

54.7399, 59.7846, 30.8448

Deuteranomaly

57.9167, 59.3215, 31.6902

Tritanomaly

58.2194, 59.6747, 53.7973

Monochromacy



Original Color

53.5258, 59.8609, 31.2875

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.8588, 58.2130, 49.4719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5258, 59.8609, 31.2875 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(212, 206, 134)` looks like.

```
.text, #text, p{  
    color:rgb(212, 206, 134)  
}
```

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(212, 206, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 206, 134) }
```

Border

The CSS property to change the border of an element to XYZ 53.5258, 59.8609, 31.2875 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(212, 206, 134) }
```


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

```
.border{ border-color:rgb(212, 206, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 206, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 206, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 206, 134);  
box-shadow:4px 4px 4px 4px rgb(212, 206,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5258, 59.8609, 31.2875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 206, 134) }
```

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

```
.background{ background-color: rgb(212,  
206, 134) }
```

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