

Converting Colors

XYZ(53.3809, 65.8063, 32.0787)

Have a look what the booklet for
XYZ(53.3809, 65.8063, 32.0787)
contains.

XYZ(53.3809, 65.8063, 32.0787)	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(53.3809, 65.8063,
32.0787)**

Conversions

Conversions Part 1

Format	Color
Hex	C5DE85
RGB	197, 222, 133
RGB Percent	77%, 87%, 52%
CMY	0.2274, 0.1294, 0.4784
CMYK	0.11, 0.00, 0.40, 0.13
HSL	77°, 57%, 70%
HSV	77°, 40%, 87%
XYZ	53.3809, 65.8063, 32.0787
YIQ	204.3790, 13.6690, -32.9790

Conversions

Conversions Part 2

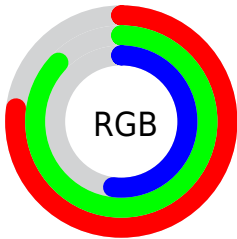
Format	Color
RYB	133, 222, 158
Decimal	12967557
CIELab	84.90, -22.38, 40.88
CIELCh	85, 46.604, 118.694
Yxy	65.8063, 0.3529, 0.4350
Android (android.graphics.Color)	4291157637 (0xFFC5DE85)
YUV	204.3790, -35.1898, -6.4714
Hunter-Lab	81.1211, -24.5018, 33.3390

Details

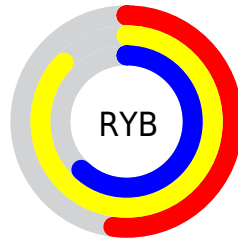
The XYZ color **53.3809, 65.8063, 32.0787** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **35.6754, 29.3198, 72.8899**, and the grayscale version is **57.8456, 60.8581, 66.2744**.

A 20% lighter version of the original color is **85.9696, 96.3679, 61.0835**, and **26.4970, 33.9974, 13.1483** is the 20% darker color. If you saturate the color by 10%, you get **50.4074, 64.4344, 24.7622**, and if you desaturate by 10%, it is **56.7495, 67.3486, 41.1084**.

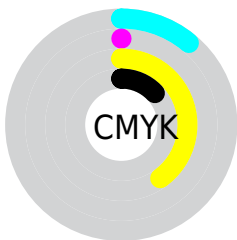
Distribution



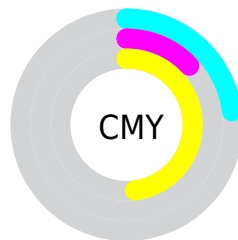
- Red (77%)
- Green (87%)
- Blue (52%)



- Red (52%)
- Yellow (87%)
- Blue (62%)



- Cyan (11%)
- Magenta (0%)
- Yellow (40%)
- Black (13%)





- Cyan (23%)
- Magenta (13%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3809, 65.8063, 32.0787 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 53.3809, 65.8063, 32.0787 by changing the saturation by 10% instead.

 53.3809, 65.8063,
32.0787

 53.3809, 65.8063,
32.0787


389.9818,
445.6838, 325.9814


 38.3356, 48.1152,
21.1563


 94.3269, 113.2083,
64.0338

 26.4217, 33.9181,
13.0459


 120.9582,
143.6879, 85.9036

 17.2737, 22.8307,
7.3291


 152.1824,
179.1992, 112.2595

 10.5263, 14.4685,
3.5872

188.3646,
220.1265, 143.5202

 5.8142, 8.4473,
1.4017

229.8703,
266.8542, 180.1042

 2.7720, 4.3824,
0.1431

277.0648,

 1.0344, 1.8897,

319.7667, 222.4301

0.0000

330.3135,
379.2485, 270.9163

0.0000, 0.5422,
0.0000

0.0000, 0.0000,
0.0000

53.3809, 65.8063,
32.0787

53.3809, 65.8063,
32.0787

50.4074, 64.4344,
24.7622

56.7495, 67.3486,
41.1084

47.8026, 63.2154,
19.0460


60.5278, 69.0604,
51.9460


45.5444, 62.1426,
14.8107


64.7356, 70.9520,
64.6845

43.6057, 61.2052,
11.9182


69.3898, 73.0303,
79.4090

 41.9545, 60.3902,
10.2043

 74.5065, 75.3017,
96.1998

 40.5468, 59.6812,
9.3826

 78.2435, 77.0295,
105.3520

 80.3324, 78.1064,
105.4498

 82.4943, 79.2208,
105.5510

 84.7297, 80.3732,
105.6556

Harmonies

Analogous

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



63.0063, 65.8063, 28.1235



53.3809, 65.8063, 32.0787



46.8920, 65.8063, 45.7019

Triad

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



53.3809, 65.8063, 32.0787



52.6700, 65.8063, 132.9747



84.8794, 65.8063, 72.9722

Complementary

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



53.3809, 65.8063, 32.0787



35.6754, 29.3198, 72.8899

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.



81.3476, 65.8063, 105.9322



53.3809, 65.8063, 32.0787



62.0898, 65.8063, 146.0182

Square

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



53.3809, 65.8063, 32.0787



46.5149, 65.8063, 103.0097



72.7064, 65.8063, 134.9663



81.8948, 65.8063, 47.4068

Rectangle

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



53.3809, 65.8063, 32.0787



44.8291, 65.8063, 60.9450



72.7064, 65.8063, 134.9663



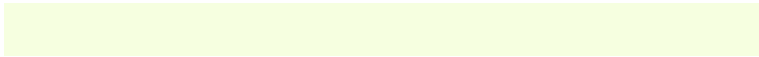
84.4084, 65.8063, 83.5446

Sweetspot

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



53.3825, 65.8092, 32.0801



87.4165, 96.5894, 84.8420



46.3721, 41.2488, 27.7090



18.5445, 20.5995, 17.6508



0.0000, 0.0000, 0.0000



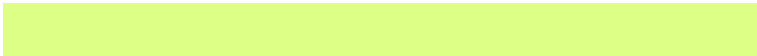
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3825, 65.8092, 32.0801



69.6669, 88.5138, 35.4587



43.6391, 60.7863, 31.6241



14.4768, 15.8260, 14.5985



24.1963, 35.5061, 5.5781



1.7631, 2.5054, 0.3907

Inverse Universe

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



35.6754, 29.3198, 72.8899



42.3166, 32.0999, 98.5733



45.7248, 34.5005, 73.3602



13.3118, 13.4288, 17.2781



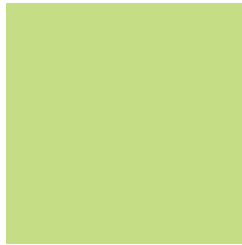
9.1191, 3.7964, 41.3005



0.7180, 0.3074, 2.8667

Previews

White Background



This preview shows how the XYZ color 53.3809, 65.8063, 32.0787 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 53.3809, 65.8063, 32.0787 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 53.3809, 65.8063, 32.0787

Background



This preview shows how black text looks on a background with the XYZ color 53.3809, 65.8063, 32.0787.



This preview shows how white text looks on a background with the XYZ color 53.3809, 65.8063,

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

53.3809, 65.8063, 32.0787

Protanopia

60.4609, 65.6609, 30.2561

Deuteranopia

66.8759, 65.3072, 32.7477



Tritanopia

63.4539, 65.6899, 82.0081

Trichromacy



Original Color

53.3809, 65.8063, 32.0787

Protanomaly

57.7985, 65.7835, 30.7703

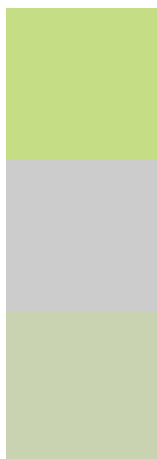
Deuteranomaly

61.1761, 64.8709, 32.5896

Tritanomaly

59.1029, 65.4303, 59.9663

Monochromacy



Original Color

53.3809, 65.8063, 32.0787

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.4175, 62.2204, 51.2084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3809, 65.8063, 32.0787 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(197, 222, 133)` looks like.

```
.text, #text, p{  
    color:rgb(197, 222, 133)  
}
```

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(197, 222, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 222, 133) }
```

Border

The CSS property to change the border of an element to XYZ 53.3809, 65.8063, 32.0787 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(197, 222, 133) }
```


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

```
.border{ border-color:rgb(197, 222, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 222, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 222, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 222, 133);  
box-shadow:4px 4px 4px 4px rgb(197, 222,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3809, 65.8063, 32.0787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 222, 133) }
```

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

```
.background{ background-color: rgb(197,  
222, 133) }
```

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