

Converting Colors

XYZ(51.9765, 58.8563, 40.5192)

Have a look what the booklet for
XYZ(51.9765, 58.8563, 40.5192)
contains.

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Color

**XYZ(51.9765, 58.8563,
40.5192)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CE9D
RGB	200, 206, 157
RGB Percent	78%, 81%, 62%
CMY	0.2157, 0.1921, 0.3843
CMYK	0.03, 0.00, 0.24, 0.19
HSL	67°, 33%, 71%
HSV	67°, 24%, 81%
XYZ	51.9765, 58.8563, 40.5192
YIQ	198.6200, 12.1530, -16.5110

Conversions

Conversions Part 2

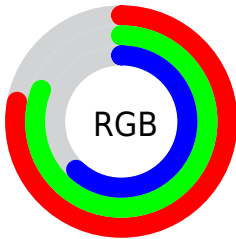
Format	Color
RYB	157, 206, 163
Decimal	13160093
CIELab	81.21, -10.14, 23.75
CIELCh	81, 25.826, 113.124
Yxy	58.8563, 0.3434, 0.3889
Android (android.graphics.Color)	4291350173 (0xFFC8CE9D)
YUV	198.6200, -20.5187, 1.2103
Hunter-Lab	76.7179, -13.3222, 22.3880

Details

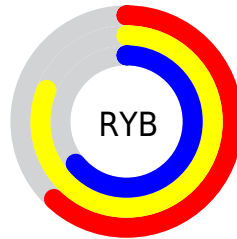
The XYZ color **51.9765, 58.8563, 40.5192** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.3041, 36.3583, 63.3948**, and the grayscale version is **54.1713, 56.9925, 62.0648**.

A 20% lighter version of the original color is **88.8837, 97.5335, 76.4285**, and **25.6321, 29.5874, 17.7246** is the 20% darker color. If you saturate the color by 10%, you get **49.6959, 57.8688, 31.9929**, and if you desaturate by 10%, it is **54.5679, 59.9734, 50.6104**.

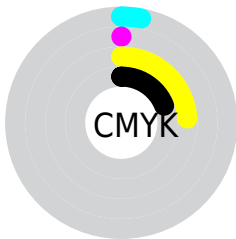
Distribution



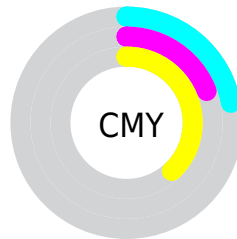
- Red (78%)
- Green (81%)
- Blue (62%)



- Red (62%)
- Yellow (81%)
- Blue (64%)



- Cyan (3%)
- Magenta (0%)
- Yellow (24%)
- Black (19%)





- Cyan (22%)
- Magenta (19%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9765, 58.8563, 40.5192 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 51.9765, 58.8563, 40.5192 by changing the saturation by 10% instead.


 51.9765, 58.8563,
40.5192


 51.9765, 58.8563,
40.5192


384.6713,
420.3692, 363.9240

 37.2105, 42.4975,
27.6267


 92.2710, 103.1688,
77.1992

 25.5450, 29.4910,
17.8079


 118.5303,
131.8912, 101.8238

 16.6144, 19.4526,
10.6441


149.3513,
165.5036, 131.1962

 10.0536, 11.9978,
5.7169

185.0996,
204.3904, 165.7350

 5.4970, 6.7421,
2.6077

226.1404,
248.9359, 205.8586

 2.5795, 3.3014,
0.8964

272.8390,

 0.9355, 1.2910,

299.5247, 251.9856

0.0000

325.5609,
356.5409, 304.5346

■ 0.0000, 0.1342,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.9765, 58.8563,
40.5192

■ 51.9765, 58.8563,
40.5192

■ 49.6959, 57.8688,
31.9929

■ 54.5679, 59.9734,
50.6104

■ 47.7065, 56.9971,
24.9494

■ 57.4794, 61.2178,
62.3355

■ 45.9938, 56.2373,
19.3050

■ 60.7255, 62.5974,
75.7641

■ 44.5398, 55.5823,
14.9660

■ 64.3185, 64.1170,
90.9604

■ 43.3246, 55.0240,
11.8272

■ 67.4537, 65.4548,
103.6866

■ 42.3251, 54.5533,
9.7674

■ 68.1900, 65.8344,
103.7211

■ 41.5133, 54.1589,
8.6397

■ 68.9377, 66.2199,
103.7560

■ 41.0727, 53.9401,
8.2467

■ 69.6969, 66.6113,
103.7916

■ 70.4677, 67.0086,
103.8276

Harmonies

Analogous

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



57.1887, 58.8563, 38.9437



51.9765, 58.8563, 40.5192



48.0681, 58.8563, 47.9009

Triad

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



51.9765, 58.8563, 40.5192



49.9608, 58.8563, 90.8223



66.8516, 58.8563, 67.6970

Complementary

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



51.9765, 58.8563, 40.5192



38.3041, 36.3583, 63.3948

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.



64.6301, 58.8563, 83.5556



51.9765, 58.8563, 40.5192



54.7119, 58.8563, 98.2235

Square

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



51.9765, 58.8563, 40.5192



46.9575, 58.8563, 76.4365



60.1024, 58.8563, 95.3710



66.0032, 58.8563, 53.1405

Rectangle

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



51.9765, 58.8563, 40.5192



46.6152, 58.8563, 55.8636



60.1024, 58.8563, 95.3710



66.4347, 58.8563, 73.0747

Sweetspot

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



51.9780, 58.8589, 40.5205



91.5078, 98.4907, 94.4233



44.5883, 41.6516, 37.5886



19.5238, 21.0543, 19.9571



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.



51.9780, 58.8589, 40.5205



82.0900, 94.4399, 57.6451



46.0148, 55.7847, 40.2414



12.0133, 13.0243, 11.9602



25.3454, 33.2413, 5.0804



1.3465, 1.7350, 0.2639

Inverse Universe

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



38.3041, 36.3583, 63.3948



55.8472, 51.2496, 101.5564



43.7460, 39.1637, 63.6495



10.7274, 10.9088, 14.1106



7.1549, 2.8960, 36.1382



0.4126, 0.1718, 1.8664

Previews

White Background



This preview shows how the XYZ color 51.9765, 58.8563, 40.5192 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 51.9765, 58.8563, 40.5192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

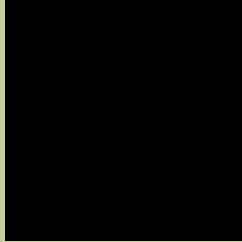
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

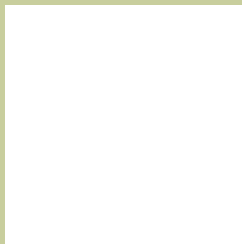
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.9765, 58.8563, 40.5192

Background



This preview shows how black text looks on a background with the XYZ color 51.9765, 58.8563, 40.5192.



This preview shows how white text looks on a background with the XYZ color 51.9765, 58.8563,

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

51.9765, 58.8563, 40.5192

Protanopia

54.8274, 58.5869, 39.4290

Deuteranopia

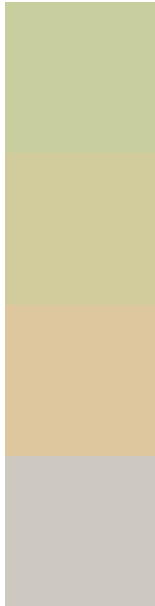
59.8979, 58.7838, 41.4472



Tritanopia

58.3441, 58.6531, 71.8644

Trichromacy



Original Color

51.9765, 58.8563, 40.5192

Protanomaly

53.9350, 58.8138, 39.9620

Deuteranomaly

56.5763, 58.4210, 41.0954

Tritanomaly

55.6891, 58.6027, 58.8284

Monochromacy



Original Color

51.9765, 58.8563, 40.5192

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.3254, 57.8439, 53.7018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9765, 58.8563, 40.5192 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(200, 206, 157)` looks like.

```
.text, #text, p{  
    color:rgb(200, 206, 157)  
}
```

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(200, 206, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 206, 157) }
```

Border

The CSS property to change the border of an element to XYZ 51.9765, 58.8563, 40.5192 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(200, 206, 157) }
```


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

```
.border{ border-color:rgb(200, 206, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 206, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 206, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 206, 157);  
box-shadow:4px 4px 4px 4px rgb(200, 206,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9765, 58.8563, 40.5192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 206, 157) }
```

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

```
.background{ background-color: rgb(200,  
206, 157) }
```

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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