

Converting Colors

XYZ(51.3559, 62.3723, 34.5316)

Have a look what the booklet for
XYZ(51.3559, 62.3723, 34.5316)
contains.

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Color

**XYZ(51.3559, 62.3723,
34.5316)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D88D
RGB	193, 216, 141
RGB Percent	76%, 85%, 55%
CMY	0.2431, 0.1529, 0.4471
CMYK	0.11, 0.00, 0.35, 0.15
HSL	78°, 49%, 70%
HSV	78°, 35%, 85%
XYZ	51.3559, 62.3723, 34.5316
YIQ	200.5730, 10.3670, -28.2010

Conversions

Conversions Part 2

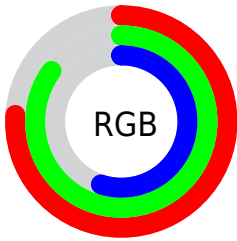
Format	Color
RYB	141, 216, 164
Decimal	12703885
CIELab	83.11, -19.96, 34.49
CIELCh	83, 39.850, 120.057
Yxy	62.3723, 0.3464, 0.4207
Android (android.graphics.Color)	4290893965 (0xFFC1D88D)
YUV	200.5730, -29.3695, -6.6415
Hunter-Lab	78.9761, -22.1348, 29.3593

Details

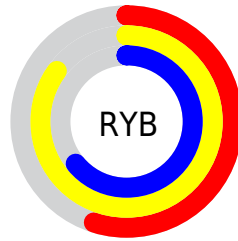
The XYZ color **51.3559, 62.3723, 34.5316** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.2319, 31.9018, 69.1646**, and the grayscale version is **55.4259, 58.3123, 63.5021**.

A 20% lighter version of the original color is **85.0347, 95.7841, 65.6361**, and **25.0716, 31.6312, 14.4569** is the 20% darker color. If you saturate the color by 10%, you get **48.2521, 60.9421, 26.7994**, and if you desaturate by 10%, it is **54.8520, 63.9724, 43.9209**.

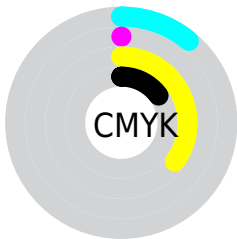
Distribution



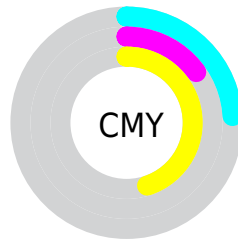
- Red (76%)
- Green (85%)
- Blue (55%)



- Red (55%)
- Yellow (85%)
- Blue (64%)



- Cyan (11%)
- Magenta (0%)
- Yellow (35%)
- Black (15%)





- Cyan (24%)
- Magenta (15%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3559, 62.3723, 34.5316 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 51.3559, 62.3723, 34.5316 by changing the saturation by 10% instead.


 51.3559, 62.3723,
34.5316

 51.3559, 62.3723,
34.5316


382.3099,
433.2878, 337.3372


 36.7141, 45.3336,
23.0216


 91.3605, 108.2634,
67.9028

 25.1589, 31.7203,
14.4040


 117.4540,
137.8846, 90.6011

 16.3248, 21.1479,
8.2603


 148.0955,
172.4688, 117.8660

 9.8466, 13.2322,
4.1718

183.6503,
212.4003, 150.1159

 5.3589, 7.5886,
1.7200

224.4838,
258.0636, 187.7695

 2.4962, 3.8329,
0.3744

270.9613,

 0.8934, 1.5805,

309.8430, 231.2452

0.0000

323.4482,
368.1229, 280.9616

0.0000, 0.3444,
0.0000

0.0000, 0.0000,
0.0000

51.3559, 62.3723,
34.5316

51.3559, 62.3723,
34.5316

48.2521, 60.9421,
26.7994

54.8520, 63.9724,
43.9209

45.5166, 59.6658,
20.6238


58.7536, 65.7414,
55.0519


43.1298, 58.5374,
15.8998


63.0786, 67.6888,
68.0083


41.0679, 57.5474,
12.5076


67.8428, 69.8208,
82.8670


 39.3036, 56.6848,
10.3086


 73.0607, 72.1436,
99.7009


 37.8037, 55.9360,
9.1331

 76.1307, 73.6164,
104.8046

 37.0893, 55.5749,
8.7722

 78.3314, 74.7509,
104.9076

 80.6143, 75.9278,
105.0144

 82.9800, 77.1474,
105.1252

Harmonies

Analogous

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



59.2665, 62.3723, 30.6192



51.3559, 62.3723, 34.5316



46.0381, 62.3723, 46.8510

Triad

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



51.3559, 62.3723, 34.5316



51.3819, 62.3723, 117.9633



77.4686, 62.3723, 67.8655

Complementary

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



51.3559, 62.3723, 34.5316



37.2319, 31.9018, 69.1646

Split Complementary

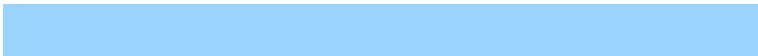
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.8518, 62.3723, 94.4956



51.3559, 62.3723, 34.5316



59.2995, 62.3723, 127.3664

Square

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



51.3559, 62.3723, 34.5316



46.0521, 62.3723, 94.5977



67.9865, 62.3723, 117.8949



74.8325, 62.3723, 46.7870

Rectangle

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



51.3559, 62.3723, 34.5316



44.3976, 62.3723, 60.0349



67.9865, 62.3723, 117.8949



77.1711, 62.3723, 76.4514

Sweetspot

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



51.3575, 62.3751, 34.5329



88.3936, 97.0118, 88.5616



46.3150, 42.8963, 31.0389



18.7307, 20.6793, 18.3920



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.



51.3575, 62.3751, 34.5329



71.2676, 89.2083, 41.4382



43.0759, 58.1058, 34.1454



13.0849, 14.3200, 13.2351



22.0666, 32.9521, 5.1974



1.4136, 2.0301, 0.3173

Inverse Universe

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



37.2319, 31.9018, 69.1646



47.6217, 38.1620, 99.4638



46.0092, 36.4267, 69.5754



12.0973, 12.1916, 15.6531



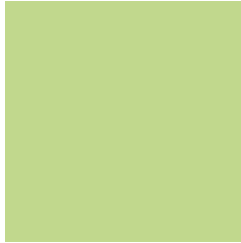
8.7734, 3.6754, 38.7002



0.6129, 0.2648, 2.3381

Previews

White Background



This preview shows how the XYZ color 51.3559, 62.3723, 34.5316 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 51.3559, 62.3723, 34.5316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

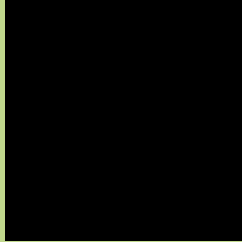
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

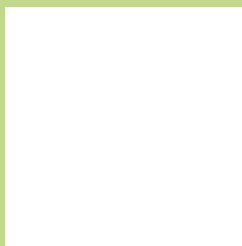
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.3559, 62.3723, 34.5316

Background



This preview shows how black text looks on a background with the XYZ color 51.3559, 62.3723, 34.5316.



This preview shows how white text looks on a background with the XYZ color 51.3559, 62.3723,

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

51.3559, 62.3723, 34.5316

Protanopia

57.5687, 62.2791, 32.6538

Deuteranopia

63.3110, 62.0253, 35.4233



Tritanopia

60.1580, 62.2539, 77.9528

Trichromacy



Original Color

51.3559, 62.3723, 34.5316

Protanomaly

55.0746, 62.0743, 33.1236

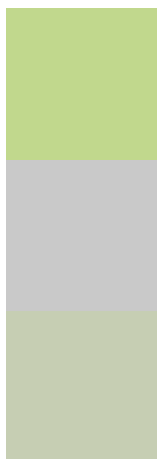
Deuteranomaly

58.5439, 62.0072, 35.2685

Tritanomaly

56.4916, 62.2228, 59.4849

Monochromacy



Original Color

51.3559, 62.3723, 34.5316

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

53.4967, 59.4031, 51.2942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3559, 62.3723, 34.5316 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(193, 216, 141)` looks like.

```
.text, #text, p{  
    color:rgb(193, 216, 141)  
}
```

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(193, 216, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 216, 141) }
```

Border

The CSS property to change the border of an element to XYZ 51.3559, 62.3723, 34.5316 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(193, 216, 141) }
```


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

```
.border{ border-color:rgb(193, 216, 141) }
```

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

Here you see how a box with a 4 pixel rgb(193, 216, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 216, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 216, 141);  
box-shadow:4px 4px 4px 4px rgb(193, 216,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3559, 62.3723, 34.5316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 216, 141) }
```

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

```
.background{ background-color: rgb(193,  
216, 141) }
```

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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