

Converting Colors

XYZ(59.6062, 63.3127, 33.5051)

Have a look what the booklet for
XYZ(59.6062, 63.3127, 33.5051)
contains.

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Color

**XYZ(59.6062, 63.3127,
33.5051)**

Conversions

Conversions Part 1

Format	Color
Hex	E6CF8B
RGB	230, 207, 139
RGB Percent	90%, 81%, 55%
CMY	0.0980, 0.1882, 0.4549
CMYK	0.00, 0.10, 0.40, 0.10
HSL	45°, 65%, 72%
HSV	45°, 40%, 90%
XYZ	59.6062, 63.3127, 33.5051
YIQ	206.1250, 35.5360, -16.2720

Conversions

Conversions Part 2

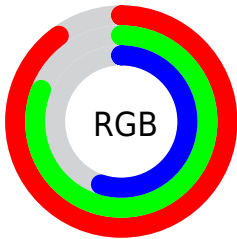
Format	Color
RYB	170, 230, 139
Decimal	15126411
CIELab	83.61, -1.36, 36.71
CIElCh	84, 36.736, 92.124
Yxy	63.3127, 0.3811, 0.4048
Android (android.graphics.Color)	4293316491 (0xFFE6CF8B)
YUV	206.1250, -33.0926, 20.9384
Hunter-Lab	79.5693, -5.5300, 30.7326

Details

The XYZ color **59.6062, 63.3127, 33.5051** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.8505, 37.0418, 80.0179**, and the grayscale version is **58.9370, 62.0063, 67.5249**.

A 20% lighter version of the original color is **86.6256, 96.6303, 64.5379**, and **30.3863, 32.3713, 13.8793** is the 20% darker color. If you saturate the color by 10%, you get **56.7176, 59.9478, 25.1054**, and if you desaturate by 10%, it is **62.9034, 66.9286, 43.7866**.

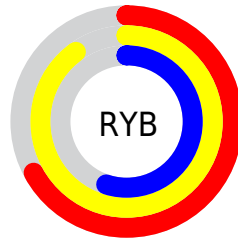
Distribution



Red (90%)

Green (81%)

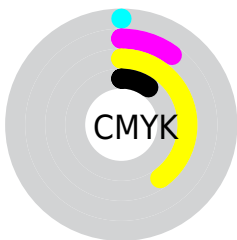
Blue (55%)



Red (67%)

Yellow (90%)

Blue (55%)

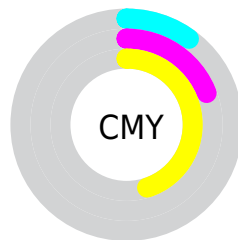


Cyan (0%)

Magenta (10%)

Yellow (40%)

Black (10%)



Cyan (10%)

Magenta (19%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6062, 63.3127, 33.5051 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 59.6062, 63.3127, 33.5051 by changing the saturation by 10% instead.

■ 59.6062, 63.3127,
33.5051

■ 59.6062, 63.3127,
33.5051

413.0028,
436.7034, 332.6212

■ 43.3495, 46.0942,
22.2394

■ 103.3678,
109.6205, 66.2884

■ 30.3552, 32.3202,
13.8329

■ 131.6035,
139.4786, 88.6430

■ 20.2577, 21.6062,
7.8671

■ 164.5628,
174.3188, 115.5311

■ 12.6919, 13.5678,
3.9235

202.6112,
214.5253, 147.3711

■ 7.2923, 7.8207,
1.5835

246.1141,
260.4827, 184.5815

■ 3.6935, 3.9804,
0.2790

295.4367,

■ 1.5302, 1.6626,

312.5752, 227.5810

0.0000

350.9445,
371.1873, 276.7880

■ 0.3463, 0.3993,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.6062, 63.3127,
33.5051

■ 59.6062, 63.3127,
33.5051

■ 56.7176, 59.9478,
25.1054

■ 62.9034, 66.9286,
43.7866

■ 54.2099, 56.8150,
18.4656


■ 66.6254, 70.7959,
56.0536


■ 52.0592, 53.9062,
13.4558


■ 70.7931, 74.9261,
70.4069


■ 50.2366, 51.2089,
9.9261


■ 75.4247, 79.3274,
86.9394


 48.7078, 48.7084,
7.6988


 80.5372, 84.0074,
105.7381


 47.4168, 46.3815,
6.4822

 82.3988, 87.4742,
107.1491

 47.3631, 46.2829,
6.4372

 84.1551, 90.9868,
107.7345

 85.9668, 94.6103,
108.3384

 86.4432, 95.5630,
108.4972

Harmonies

Analogous

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



67.6920, 63.3127, 36.7597



59.6062, 63.3127, 33.5051



52.3310, 63.3127, 37.8483

Triad

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



59.6062, 63.3127, 33.5051



48.0199, 63.3127, 95.2380



74.8901, 63.3127, 91.7590

Complementary

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



59.6062, 63.3127, 33.5051



37.8505, 37.0418, 80.0179

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.



68.7701, 63.3127, 113.5999



59.6062, 63.3127, 33.5051



53.2395, 63.3127, 115.9025

Square

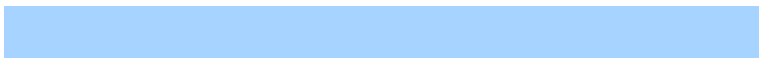
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.6062, 63.3127, 33.5051



46.0228, 63.3127, 70.5892



60.7511, 63.3127, 123.2687



76.9706, 63.3127, 67.3103

Rectangle

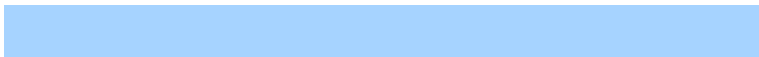
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.6062, 63.3127, 33.5051



48.7889, 63.3127, 45.1869



60.7511, 63.3127, 123.2687



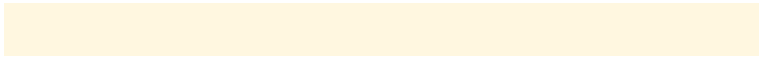
73.2117, 63.3127, 99.8208

Sweetspot

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



59.6078, 63.3156, 33.5064



88.0916, 93.3489, 84.1810



48.5010, 37.9429, 39.5439



18.7042, 19.8320, 17.4943



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.



59.6078, 63.3156, 33.5064



72.4720, 76.7100, 33.9639



59.1859, 71.9793, 35.2009



15.2771, 16.1681, 15.2200



26.9167, 26.4076, 3.6785



2.0620, 2.0973, 0.2961

Inverse Universe

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



37.8505, 37.0418, 80.0179



41.5996, 39.4508, 100.0300



38.0601, 31.6769, 78.9713



13.8773, 14.4760, 18.2071



9.0286, 5.1193, 42.8954



0.7400, 0.5240, 3.1941

Previews

White Background



This preview shows how the XYZ color 59.6062, 63.3127, 33.5051 looks on a white background.

Color Contrast Check

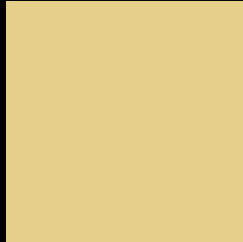
Large Text (above 18pt) WCAG AA × Fail

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 59.6062, 63.3127, 33.5051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

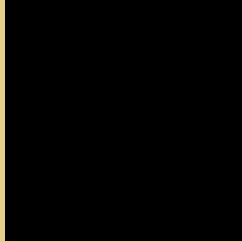
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6062, 63.3127, 33.5051

Background



This preview shows how black text looks on a background with the XYZ color 59.6062, 63.3127, 33.5051.



This preview shows how white text looks on a background with the XYZ color 59.6062, 63.3127,

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

59.6062, 63.3127, 33.5051

Protanopia

58.6535, 63.1740, 33.9134

Deuteranopia

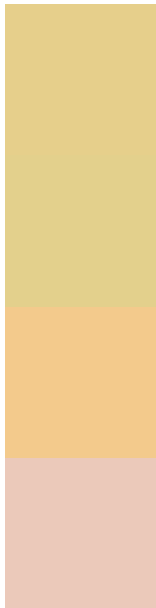
64.6555, 63.0939, 33.9699



Tritanopia

67.4642, 63.3694, 71.6266

Trichromacy



Original Color

59.6062, 63.3127, 33.5051

Protanomaly

58.9681, 63.3361, 33.9281

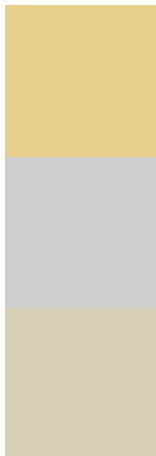
Deuteranomaly

62.8163, 63.1892, 33.6969

Tritanomaly

64.0105, 62.9806, 55.2371

Monochromacy



Original Color

59.6062, 63.3127, 33.5051

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.5391, 61.9671, 53.1315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6062, 63.3127, 33.5051 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(230, 207, 139)` looks like.

```
.text, #text, p{  
    color:rgb(230, 207, 139)  
}
```

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(230, 207, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 207, 139) }
```

Border

The CSS property to change the border of an element to XYZ 59.6062, 63.3127, 33.5051 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(230, 207, 139) }
```


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

```
.border{ border-color:rgb(230, 207, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 207, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 207, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 207, 139);  
box-shadow:4px 4px 4px 4px rgb(230, 207,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6062, 63.3127, 33.5051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 207, 139) }
```

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

```
.background{ background-color: rgb(230,  
207, 139) }
```

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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