

Converting Colors

XYZ(53.5252, 61.7247, 36.1247)

Have a look what the booklet for
XYZ(53.5252, 61.7247, 36.1247)
contains.

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Color

**XYZ(53.3844, 61.5012,
36.2514)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD392
RGB	204, 211, 146
RGB Percent	80%, 83%, 57%
CMY	0.2000, 0.1725, 0.4274
CMYK	0.03, 0.00, 0.31, 0.17
HSL	66°, 42%, 70%
HSV	66°, 31%, 83%
XYZ	53.3844, 61.5012, 36.2514
YIQ	201.4970, 16.6930, -21.6990

Conversions

Conversions Part 2

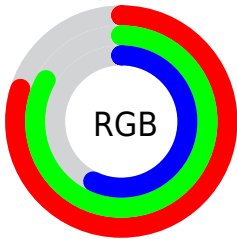
Format	Color
RYB	146, 211, 153
Decimal	13423506
CIELab	82.65, -12.67, 31.46
CIELCh	83, 33.919, 111.931
Yxy	61.5012, 0.3532, 0.4069
Android (android.graphics.Color)	4291613586 (0xFFCCD392)
YUV	201.4970, -27.3600, 2.1951
Hunter-Lab	78.4227, -15.7301, 27.4887

Details

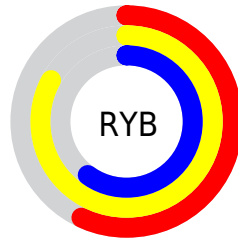
The XYZ color **53.3844, 61.5012, 36.2514** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.1760, 32.0348, 65.9609**, and the grayscale version is **55.9847, 58.9002, 64.1423**.

A 20% lighter version of the original color is **87.4253, 96.9501, 68.7490**, and **26.5170, 31.3297, 15.4761** is the 20% darker color. If you saturate the color by 10%, you get **51.2741, 60.5877, 28.3613**, and if you desaturate by 10%, it is **55.8099, 62.5461, 45.7401**.

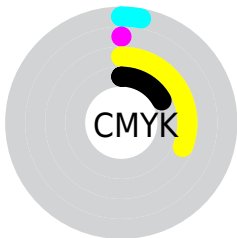
Distribution



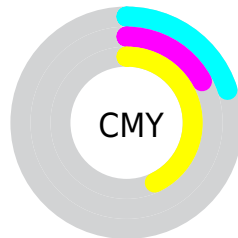
- Red (80%)
- Green (83%)
- Blue (57%)



- Red (57%)
- Yellow (83%)
- Blue (60%)



- Cyan (3%)
- Magenta (0%)
- Yellow (31%)
- Black (17%)





- Cyan (20%)
- Magenta (17%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3844, 61.5012, 36.2514 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 53.3844, 61.5012, 36.2514 by changing the saturation by 10% instead.


 53.3844, 61.5012,
36.2514

 53.3844, 61.5012,
36.2514


389.9949,
430.1093, 345.1286

 38.3384, 44.6298,
24.3372


 94.3320, 107.0043,
70.5933

 26.4239, 31.1659,
15.3694


 120.9643,
136.4048, 93.8581

 17.2753, 20.7252,
8.9296


152.1894,
170.7504, 121.7435

 10.5275, 12.9233,
4.5991

188.3727,
210.4255, 154.6681

 5.8150, 7.3758,
1.9594

229.8796,
255.8146, 193.0503

 2.7725, 3.6982,
0.5302

277.0753,

 1.0346, 1.5062,

307.3020, 237.3088

0.0000

330.3253,
365.2721, 287.8621

0.0000, 0.2931,
0.0000

0.0000, 0.0000,
0.0000

53.3844, 61.5012,
36.2514

53.3844, 61.5012,
36.2514

51.2741, 60.5877,
28.3613

55.8099, 62.5461,
45.7401

49.4576, 59.7907,
21.9778

58.5614, 63.7202,
56.9046

47.9181, 59.1055,
17.0061

61.6548, 65.0323,
69.8219

46.6352, 58.5240,
13.3384

65.1037, 66.4875,
84.5629

■ 45.5854, 58.0368,
10.8519

■ 68.9209, 68.0912,
101.1949

■ 44.7410, 57.6327,
9.4002

■ 70.1525, 68.6617,
104.1633

■ 44.1003, 57.3164,
8.7388

■ 70.8358, 69.0139,
104.1953

■ 71.5284, 69.3710,
104.2277

■ 72.2305, 69.7329,
104.2606

Harmonies

Analogous

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



60.4407, 61.5012, 34.6144



53.3844, 61.5012, 36.2514



48.1191, 61.5012, 45.1741

Triad

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



53.3844, 61.5012, 36.2514



50.2466, 61.5012, 103.7162



73.4283, 61.5012, 72.7467

Complementary

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



53.3844, 61.5012, 36.2514



35.1760, 32.0348, 65.9609

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.



70.1743, 61.5012, 94.8301



53.3844, 61.5012, 36.2514



56.5134, 61.5012, 114.9789

Square

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



53.3844, 61.5012, 36.2514



46.4149, 61.5012, 83.0699



63.8370, 61.5012, 111.4277



72.4156, 61.5012, 53.0879

Rectangle

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



53.3844, 61.5012, 36.2514



46.1390, 61.5012, 55.2910



63.8370, 61.5012, 111.4277



72.7882, 61.5012, 80.1749

Sweetspot

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



53.3860, 61.5040, 36.2527



90.6685, 98.1430, 90.5459



43.3639, 38.5450, 32.3494



19.2641, 20.9460, 18.7910



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.



53.3860, 61.5040, 36.2527



79.7599, 93.4632, 47.3930



45.4981, 57.4376, 35.8836



12.6727, 13.7302, 12.5943



26.6658, 34.6157, 5.2761



1.5277, 1.9544, 0.2967

Inverse Universe

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



35.1760, 32.0348, 65.9609



47.4887, 41.2250, 100.0620



42.0463, 35.5766, 66.2824



11.2803, 11.4778, 14.8646



7.3479, 2.9683, 37.3781



0.4518, 0.1871, 2.0919

Previews

White Background



This preview shows how the XYZ color 53.3844, 61.5012, 36.2514 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 53.3844, 61.5012, 36.2514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

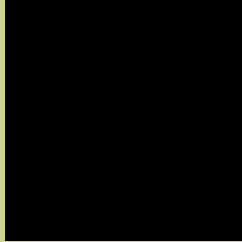
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3844, 61.5012, 36.2514

Background



This preview shows how black text looks on a background with the XYZ color 53.3844, 61.5012, 36.2514.



This preview shows how white text looks on a background with the XYZ color 53.3844, 61.5012,

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

53.3844, 61.5012, 36.2514

Protanopia

56.9896, 61.2059, 35.1958

Deuteranopia

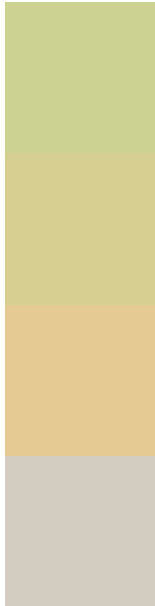
62.6993, 61.3355, 36.9681



Tritanopia

61.2160, 61.4491, 74.9641

Trichromacy



Original Color

53.3844, 61.5012, 36.2514

Protanomaly

55.4480, 61.1171, 35.6624

Deuteranomaly

58.7789, 61.0372, 36.7003

Tritanomaly

57.9241, 61.1701, 58.6232

Monochromacy



Original Color

53.3844, 61.5012, 36.2514

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.9034, 59.7366, 52.8926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3844, 61.5012, 36.2514 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(204, 211, 146)` looks like.

```
.text, #text, p{  
    color:rgb(204, 211, 146)  
}
```

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(204, 211, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 211, 146) }
```

Border

The CSS property to change the border of an element to XYZ 53.3844, 61.5012, 36.2514 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(204, 211, 146) }
```


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

```
.border{ border-color:rgb(204, 211, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 211, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 211, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 211, 146);  
box-shadow:4px 4px 4px 4px rgb(204, 211,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3844, 61.5012, 36.2514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 211, 146) }
```

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

```
.background{ background-color: rgb(204,  
211, 146) }
```

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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