

Converting Colors

XYZ(53.7434, 61.8372, 36.1349)

Have a look what the booklet for
XYZ(53.7434, 61.8372, 36.1349)
contains.

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Color

**XYZ(53.6594, 61.6430,
36.2643)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD392
RGB	205, 211, 146
RGB Percent	80%, 83%, 57%
CMY	0.1961, 0.1725, 0.4274
CMYK	0.03, 0.00, 0.31, 0.17
HSL	66°, 42%, 70%
HSV	66°, 31%, 83%
XYZ	53.6594, 61.6430, 36.2643
YIQ	201.7960, 17.2890, -21.4870

Conversions

Conversions Part 2

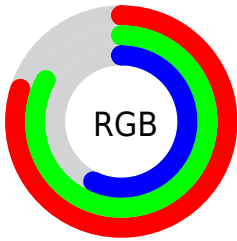
Format	Color
R_{YB}	146, 211, 152
Decimal	13489042
CIE _{Lab}	82.72, -12.29, 31.58
CIE _{LCh}	83, 33.885, 111.262
Yxy	61.6430, 0.3540, 0.4067
Android (android.graphics.Color)	4291679122 (0xFFCDD392)
YUV	201.7960, -27.5074, 2.8099
Hunter-Lab	78.5131, -15.4028, 27.5738

Details

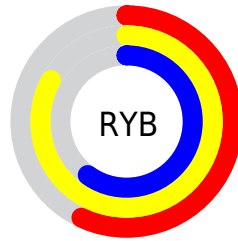
The XYZ color **53.6594, 61.6430, 36.2643** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.9881, 31.9380, 65.9521**, and the grayscale version is **56.1717, 59.0970, 64.3566**.

A 20% lighter version of the original color is **87.4253, 96.9501, 68.7490**, and **26.7002, 31.4242, 15.4847** is the 20% darker color. If you saturate the color by 10%, you get **51.6334, 60.7730, 28.3781**, and if you desaturate by 10%, it is **55.9982, 62.6432, 45.7489**.

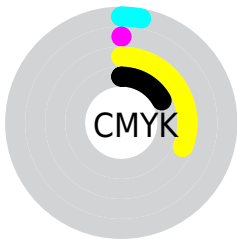
Distribution



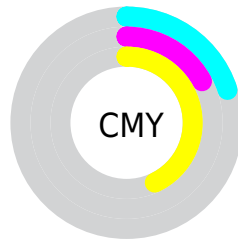
- Red (80%)
- Green (83%)
- Blue (57%)



- 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 53.6594, 61.6430, 36.2643 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 53.6594, 61.6430, 36.2643 by changing the saturation by 10% instead.


 53.6594, 61.6430,
36.2643


 53.6594, 61.6430,
36.2643


391.0294,
430.6277, 345.1866

 38.5590, 44.7443,
24.3471


 94.7338, 107.2094,
70.6134

 26.5960, 31.2561,
15.3767


 121.4385,
136.6459, 93.8824

 17.4051, 20.7939,
8.9346


152.7420,
171.0304, 121.7725

 10.6208, 12.9734,
4.6023

189.0097,
210.7474, 154.7020

 5.8779, 7.4103,
1.9613

230.6070,
256.1812, 193.0897

 2.8109, 3.7200,
0.5313

277.8991,

 1.0546, 1.5182,

307.7163, 237.3540

0.0000

331.2515,
365.7370, 287.9134

0.0000, 0.3015,
0.0000

0.0000, 0.0000,
0.0000

53.6594, 61.6430,
36.2643

53.6594, 61.6430,
36.2643

51.6334, 60.7730,
28.3781

55.9982, 62.6432,
45.7489

49.8989, 60.0182,
21.9985

58.6605, 63.7714,
56.9093

48.4390, 59.3741,
17.0305

61.6624, 65.0362,
69.8223

47.2333, 58.8323,
13.3664

65.0173, 66.4430,
84.5590

■ 46.2584, 58.3837,
10.8834

■ 68.7380, 67.9969,
101.1865

■ 45.4865, 58.0171,
9.4351

■ 69.8707, 68.5164,
104.1502

■ 44.9104, 57.7341,
8.7768

■ 70.4525, 68.8164,
104.1774

■ 71.0412, 69.1199,
104.2049

■ 71.6368, 69.4269,
104.2328

Harmonies

Analogous

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



60.7419, 61.6430, 34.7836



53.6594, 61.6430, 36.2643



48.3364, 61.6430, 45.0302

Triad

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



53.6594, 61.6430, 36.2643



50.2606, 61.6430, 103.4920



73.5412, 61.6430, 73.3943

Complementary

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



53.6594, 61.6430, 36.2643



34.9881, 31.9380, 65.9521

Split Complementary

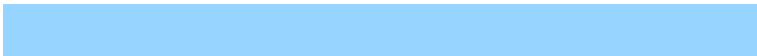
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.1994, 61.6430, 95.4567



53.6594, 61.6430, 36.2643



56.4891, 61.6430, 115.0453

Square

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



53.6594, 61.6430, 36.2643



46.4901, 61.6430, 82.7294



63.8134, 61.6430, 111.8342



72.6255, 61.6430, 53.6068

Rectangle

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



53.6594, 61.6430, 36.2643



46.3096, 61.6430, 55.0478



63.8134, 61.6430, 111.8342



72.8691, 61.6430, 80.8367

Sweetspot

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



53.6610, 61.6458, 36.2656



90.7969, 98.2091, 90.5519



43.1882, 38.1934, 32.2908



19.2959, 20.9624, 18.7925



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.



53.6610, 61.6458, 36.2656



80.2678, 93.7250, 47.4168



45.7369, 57.5607, 35.8948



12.6913, 13.7398, 12.5952



27.1481, 34.8643, 5.2986



1.5501, 1.9660, 0.2978

Inverse Universe

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



34.9881, 31.9380, 65.9521



47.1747, 41.0632, 100.0474



41.7859, 35.4424, 66.2703



11.2635, 11.4692, 14.8638



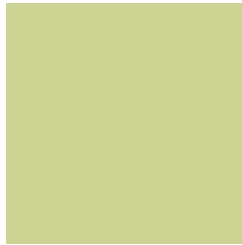
7.3019, 2.9446, 37.3760



0.4439, 0.1830, 2.0915

Previews

White Background



This preview shows how the XYZ color 53.6594, 61.6430, 36.2643 looks on a white background.

Color Contrast Check

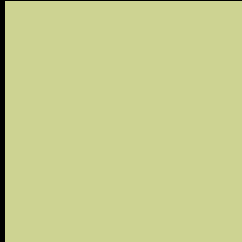
Large Text (above 18pt) WCAG AA × Fail

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 53.6594, 61.6430, 36.2643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

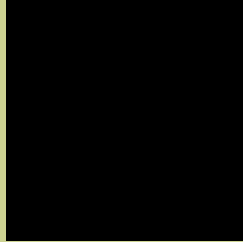
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

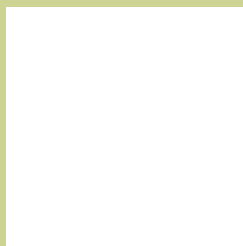
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6594, 61.6430, 36.2643

Background



This preview shows how black text looks on a background with the XYZ color 53.6594, 61.6430, 36.2643.



This preview shows how white text looks on a background with the XYZ color 53.6594, 61.6430,

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

53.6594, 61.6430, 36.2643

Protanopia

57.2295, 61.6858, 35.2758

Deuteranopia

62.6993, 61.3355, 36.9681



Tritanopia

61.5070, 61.5992, 74.9777

Trichromacy



Original Color

53.6594, 61.6430, 36.2643

Protanomaly

55.9856, 61.7550, 35.7572

Deuteranomaly

59.0990, 61.2022, 36.7153

Tritanomaly

58.2097, 61.3173, 58.6366

Monochromacy



Original Color

53.6594, 61.6430, 36.2643

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 53.6594, 61.6430, 36.2643 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(205, 211, 146)` looks like.

```
.text, #text, p{  
    color:rgb(205, 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(205, 211, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 211, 146) }
```

Border

The CSS property to change the border of an element to XYZ 53.6594, 61.6430, 36.2643 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(205, 211, 146) }
```


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

```
.border{ border-color:rgb(205, 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(205, 211, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 211, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 211, 146);  
box-shadow:4px 4px 4px 4px rgb(205, 211,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6594, 61.6430, 36.2643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 211, 146) }
```

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

```
.background{ background-color: rgb(205,  
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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