

Converting Colors

XYZ(53.5928, 63.0400, 37.1810)

Have a look what the booklet for
XYZ(53.5928, 63.0400, 37.1810)
contains.

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Color

**XYZ(53.7331, 63.1565,
37.3754)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D794
RGB	201, 215, 148
RGB Percent	79%, 84%, 58%
CMY	0.2118, 0.1568, 0.4196
CMYK	0.07, 0.00, 0.31, 0.16
HSL	73°, 46%, 71%
HSV	73°, 31%, 84%
XYZ	53.7331, 63.1565, 37.3754
YIQ	203.1760, 13.1630, -23.8050

Conversions

Conversions Part 2

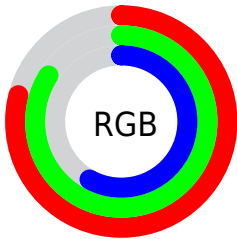
Format	Color
RYB	148, 215, 162
Decimal	13227924
CIELab	83.52, -15.55, 31.56
CIELCh	84, 35.183, 116.236
Yxy	63.1565, 0.3483, 0.4094
Android (android.graphics.Color)	4291418004 (0xFFC9D794)
YUV	203.1760, -27.2018, -1.9084
Hunter-Lab	79.4711, -18.3844, 27.7455

Details

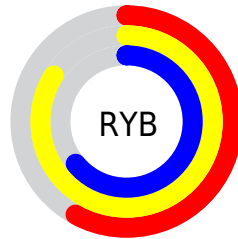
The XYZ color **53.7331, 63.1565, 37.3754** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.7585, 33.7692, 68.8216**, and the grayscale version is **57.0365, 60.0068, 65.3474**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **26.5825, 32.1157, 16.1072** is the 20% darker color. If you saturate the color by 10%, you get **50.9970, 61.9267, 29.1740**, and if you desaturate by 10%, it is **56.8239, 64.5366, 47.2459**.

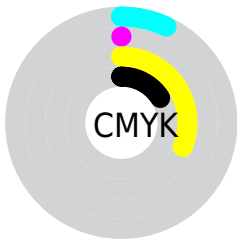
Distribution



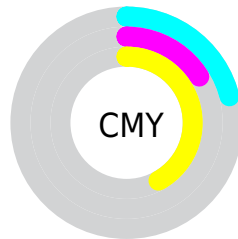
- Red (79%)
- Green (84%)
- Blue (58%)



- Red (58%)
- Yellow (84%)
- Blue (64%)



- Cyan (7%)
- Magenta (0%)
- Yellow (31%)
- Black (16%)



- Cyan (21%)
- Magenta (16%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7331, 63.1565, 37.3754 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 53.7331, 63.1565, 37.3754 by changing the saturation by 10% instead.

■ 53.7331, 63.1565,
37.3754

■ 53.7331, 63.1565,
37.3754

391.3064,
436.1372, 350.1505

■ 38.6181, 45.9678,
25.2002

■ 94.8414, 109.3953,
72.3425

■ 26.6422, 32.2204,
16.0059

■ 121.5655,
139.2141, 95.9716

■ 17.4399, 21.5299,
9.3739

152.8900,
174.0119, 124.2557

■ 10.6458, 13.5119,
4.8858

189.1803,
214.1729, 157.6133

■ 5.8948, 7.7820,
2.1228

230.8018,
260.0815, 196.4631

■ 2.8212, 3.9558,
0.6293

278.1197,

■ 1.0599, 1.6488,

312.1222, 241.2235

0.0000

331.4994,
370.6793, 292.3131

0.0000, 0.3902,
0.0000

0.0000, 0.0000,
0.0000

53.7331, 63.1565,
37.3754

53.7331, 63.1565,
37.3754

50.9970, 61.9267,
29.1740

56.8239, 64.5366,
47.2459

48.5929, 60.8316,
22.5455

60.2812, 66.0653,
58.8668

46.5030, 59.8661,
17.3897

64.1217, 67.7514,
72.3188

44.7054, 59.0216,
13.5935

68.3601, 69.6008,
87.6765

■ 43.1752, 58.2880,
11.0275

■ 72.9285, 71.5864,
104.5816

■ 41.8828, 57.6534,
9.5368

■ 74.3355, 72.3118,
104.6474

■ 40.8933, 57.1568,
8.8771

■ 75.7797, 73.0563,
104.7150

■ 77.2611, 73.8200,
104.7843

■ 78.7802, 74.6031,
104.8554

Harmonies

Analogous

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



61.0032, 63.1565, 34.6055



53.7331, 63.1565, 37.3754



48.5681, 63.1565, 47.8350

Triad

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



53.7331, 63.1565, 37.3754



52.1882, 63.1565, 110.2656



76.0051, 63.1565, 71.5813

Complementary

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



53.7331, 63.1565, 37.3754



37.7585, 33.7692, 68.8216

Split Complementary

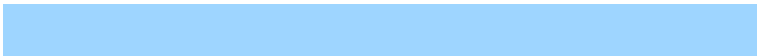
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.1630, 63.1565, 95.0562



53.7331, 63.1565, 37.3754



59.0639, 63.1565, 120.1988

Square

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



53.7331, 63.1565, 37.3754



47.7310, 63.1565, 89.2117



66.7971, 63.1565, 114.1139



74.2749, 63.1565, 51.7114

Rectangle

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



53.7331, 63.1565, 37.3754



46.7953, 63.1565, 59.1855



66.7971, 63.1565, 114.1139



75.5469, 63.1565, 79.3298

Sweetspot

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



53.7347, 63.1593, 37.3767



89.8297, 97.7105, 90.5067



46.1868, 42.2168, 33.7323



19.0561, 20.8388, 18.7813



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.



53.7347, 63.1593, 37.3767



76.5152, 91.7905, 47.2412



45.8177, 59.0779, 37.0062



13.2069, 14.3829, 13.2408



24.5486, 34.2316, 5.3135



1.5459, 2.0983, 0.3235

Inverse Universe

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



37.7585, 33.7692, 68.8216



49.6427, 42.3355, 100.1629



45.3377, 37.6765, 69.1763



11.9828, 12.1325, 15.6478



8.0539, 3.3045, 38.6665



0.5559, 0.2355, 2.3355

Previews

White Background



This preview shows how the XYZ color 53.7331, 63.1565, 37.3754 looks on a white background.

Color Contrast Check

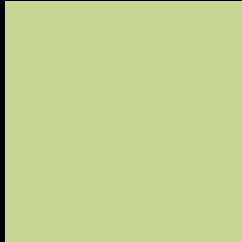
Large Text (above 18pt) WCAG AA × Fail

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 53.7331, 63.1565, 37.3754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

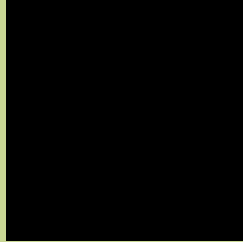
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7331, 63.1565, 37.3754

Background



This preview shows how black text looks on a background with the XYZ color 53.7331, 63.1565, 37.3754.



This preview shows how white text looks on a background with the XYZ color 53.7331, 63.1565,

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

53.7331, 63.1565, 37.3754

Protanopia

58.4072, 63.0034, 35.8705

Deuteranopia

64.0154, 62.6740, 38.0015



Tritanopia

62.1201, 63.2654, 78.0446

Trichromacy



Original Color

53.7331, 63.1565, 37.3754

Protanomaly

56.8015, 63.2628, 36.4113

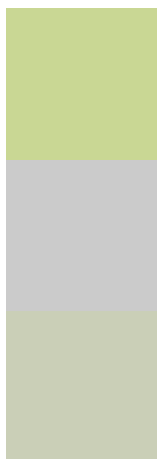
Deuteranomaly

59.9695, 62.6876, 37.7934

Tritanomaly

58.3829, 62.8065, 60.6755

Monochromacy



Original Color

53.7331, 63.1565, 37.3754

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.2172, 60.6011, 53.5867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7331, 63.1565, 37.3754 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(201, 215, 148)` looks like.

```
.text, #text, p{  
    color:rgb(201, 215, 148)  
}
```

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(201, 215, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 215, 148) }
```

Border

The CSS property to change the border of an element to XYZ 53.7331, 63.1565, 37.3754 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(201, 215, 148) }
```


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

```
.border{ border-color:rgb(201, 215, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 215, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 215, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 215, 148);  
box-shadow:4px 4px 4px 4px rgb(201, 215,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7331, 63.1565, 37.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 215, 148) }
```

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

```
.background{ background-color: rgb(201,  
215, 148) }
```

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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