

Converting Colors

XYZ(53.6324, 58.9998, 37.5027)

Have a look what the booklet for
XYZ(53.6324, 58.9998, 37.5027)
contains.

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Color

**XYZ(53.6762, 59.0894,
37.4305)**

Conversions

Conversions Part 1

Format	Color
Hex	D2CC96
RGB	210, 204, 150
RGB Percent	82%, 80%, 59%
CMY	0.1765, 0.2000, 0.4118
CMYK	0.00, 0.03, 0.29, 0.18
HSL	54°, 40%, 71%
HSV	54°, 29%, 82%
XYZ	53.6762, 59.0894, 37.4305
YIQ	199.6380, 20.9100, -15.5220

Conversions

Conversions Part 2

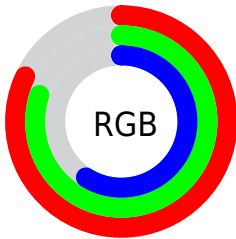
Format	Color
RYB	157, 210, 150
Decimal	13814934
CIELab	81.34, -6.29, 27.72
CIELCh	81, 28.428, 102.774
Yxy	59.0894, 0.3574, 0.3934
Android (android.graphics.Color)	4292005014 (0xFFD2CC96)
YUV	199.6380, -24.4715, 9.0875
Hunter-Lab	76.8696, -9.8796, 24.9384

Details

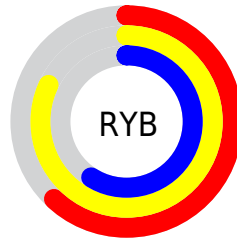
The XYZ color **53.6762, 59.0894, 37.4305** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.0988, 34.9131, 65.8091**, and the grayscale version is **54.8150, 57.6697, 62.8023**.

A 20% lighter version of the original color is **88.0194, 97.1878, 71.8776**, and **26.6760, 29.6821, 16.1276** is the 20% darker color. If you saturate the color by 10%, you get **51.6397, 57.4843, 29.1434**, and if you desaturate by 10%, it is **56.0255, 60.8345, 47.3184**.

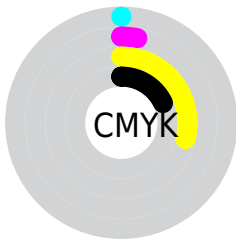
Distribution



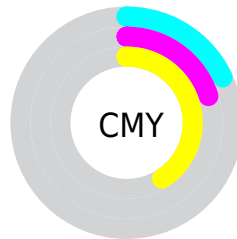
- Red (82%)
- Green (80%)
- Blue (59%)



- Red (62%)
- Yellow (82%)
- Blue (59%)



- Cyan (0%)
- Magenta (3%)
- Yellow (29%)
- Black (18%)





- Cyan (18%)
- Magenta (20%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6762, 59.0894, 37.4305 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 53.6762, 59.0894, 37.4305 by changing the saturation by 10% instead.


 53.6762, 59.0894,
37.4305


 53.6762, 59.0894,
37.4305


391.0926,
421.2331, 350.3953

 38.5725, 42.6851,
25.2426


 94.7583, 103.5076,
72.4281

 26.6065, 29.6381,
16.0372


 121.4675,
132.2903, 96.0749

 17.4130, 19.5641,
9.3959


152.7758,
165.9678, 124.3784

 10.6265, 12.0786,
4.8999

189.0486,
204.9247, 157.7571

 5.8817, 6.7972,
2.1310

230.6514,
249.5453, 196.6296

 2.8133, 3.3356,
0.6341

277.9494,

 1.0558, 1.3093,

300.2139, 241.4145

0.0000

331.3080,
357.3151, 292.5302

0.0000, 0.1484,
0.0000

0.0000, 0.0000,
0.0000

53.6762, 59.0894,
37.4305

53.6762, 59.0894,
37.4305

51.6397, 57.4843,
29.1434

56.0255, 60.8345,
47.3184

49.8953, 56.0046,
22.3681

58.6981, 62.7177,
58.8823

48.4268, 54.6460,
17.0126

61.7096, 64.7473,
72.1971

47.2145, 53.4004,
12.9734

65.0731, 66.9286,
87.3321

■ 46.2360, 52.2590,
10.1329

■ 68.8007, 69.2664,
104.3513

■ 45.4650, 51.2111,
8.3527

■ 69.3368, 70.3386,
104.5300

■ 44.8610, 50.2405,
7.4192

■ 69.8798, 71.4245,
104.7110

■ 44.7799, 50.1048,
7.3110

■ 70.4296, 72.5242,
104.8943

■ 70.9864, 73.6377,
105.0799

Harmonies

Analogous

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



59.6117, 59.0894, 37.8905



53.6762, 59.0894, 37.4305



48.7613, 59.0894, 43.1998

Triad

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



53.6762, 59.0894, 37.4305



48.1929, 59.0894, 89.1932



67.7874, 59.0894, 74.5142

Complementary

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



53.6762, 59.0894, 37.4305



36.0988, 34.9131, 65.8091

Split Complementary

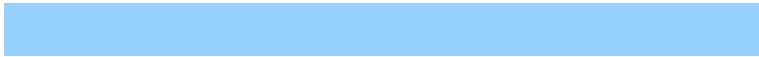
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.2775, 59.0894, 91.4447



53.6762, 59.0894, 37.4305



52.8494, 59.0894, 100.8907

Square

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



53.6762, 59.0894, 37.4305



45.7488, 59.0894, 71.8413



58.7248, 59.0894, 101.7806



68.0479, 59.0894, 57.3768

Rectangle

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



53.6762, 59.0894, 37.4305



46.6109, 59.0894, 50.5099



58.7248, 59.0894, 101.7806



66.9377, 59.0894, 80.4850

Sweetspot

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



53.6777, 59.0921, 37.4317



90.8454, 97.1547, 90.3458



43.4859, 37.9153, 36.4797



19.3080, 20.7005, 18.7413



0.0000, 0.0000, 0.0000



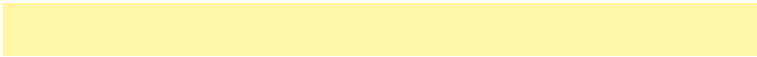
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.6777, 59.0921, 37.4317



81.3944, 90.2154, 50.3159



48.8017, 58.7345, 37.6197



12.6983, 13.5873, 12.5654



27.3572, 30.6474, 4.4737



1.5595, 1.7733, 0.2601

Inverse Universe

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



36.0988, 34.9131, 65.8091



49.9771, 47.0072, 101.0470



39.9953, 35.4652, 65.7103



11.2574, 11.6050, 14.8903



7.2935, 3.2335, 37.4322



0.4410, 0.2472, 2.1040

Previews

White Background



This preview shows how the XYZ color 53.6762, 59.0894, 37.4305 looks on a white background.

Color Contrast Check

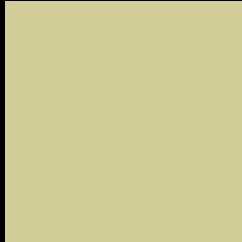
Large Text (above 18pt) WCAG AA × Fail

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 53.6762, 59.0894, 37.4305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

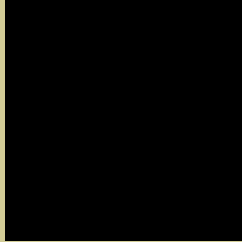
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6762, 59.0894, 37.4305

Background



This preview shows how black text looks on a background with the XYZ color 53.6762, 59.0894, 37.4305.



This preview shows how white text looks on a background with the XYZ color 53.6762, 59.0894,

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

53.6762, 59.0894, 37.4305

Protanopia

55.1606, 59.1627, 36.9460

Deuteranopia

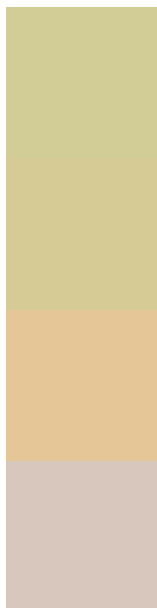
60.2192, 59.0277, 37.9254



Tritanopia

60.4112, 59.0884, 69.8492

Trichromacy



Original Color

53.6762, 59.0894, 37.4305

Protanomaly

54.5123, 59.1779, 36.9831

Deuteranomaly

57.7749, 59.1165, 37.6437

Tritanomaly

57.6331, 58.9680, 56.4885

Monochromacy



Original Color

53.6762, 59.0894, 37.4305

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.2320, 57.9881, 52.5905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6762, 59.0894, 37.4305 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(210, 204, 150)` looks like.

```
.text, #text, p{  
    color:rgb(210, 204, 150)  
}
```

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(210, 204, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 204, 150) }
```

Border

The CSS property to change the border of an element to XYZ 53.6762, 59.0894, 37.4305 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(210, 204, 150) }
```


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

```
.border{ border-color:rgb(210, 204, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 204, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 204, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 204, 150);  
box-shadow:4px 4px 4px 4px rgb(210, 204,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6762, 59.0894, 37.4305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 204, 150) }
```

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

```
.background{ background-color: rgb(210,  
204, 150) }
```

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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