

Converting Colors

XYZ(54.3787, 59.4700, 36.6298)

Have a look what the booklet for
XYZ(54.3787, 59.4700, 36.6298)
contains.

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Color

**XYZ(54.3787, 59.4700,
36.6298)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CC94
RGB	213, 204, 148
RGB Percent	84%, 80%, 58%
CMY	0.1647, 0.2000, 0.4196
CMYK	0.00, 0.04, 0.31, 0.16
HSL	52°, 44%, 71%
HSV	52°, 31%, 84%
XYZ	54.3787, 59.4700, 36.6298
YIQ	200.3070, 23.3400, -15.5080

Conversions

Conversions Part 2

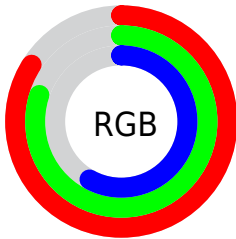
Format	Color
R _{YB}	158, 213, 148
Decimal	14011540
CIE Lab	81.55, -5.39, 29.09
CIE LCh	82, 29.585, 100.496
Yxy	59.4700, 0.3614, 0.3952
Android (android.graphics.Color)	4292201620 (0xFFD5CC94)
YUV	200.3070, -25.7874, 11.1318
Hunter-Lab	77.1168, -9.0856, 25.8195

Details

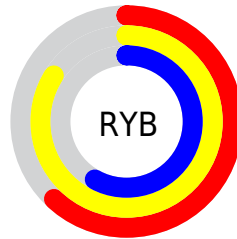
The XYZ color **54.3787, 59.4700, 36.6298** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.2797, 35.2129, 67.8354**, and the grayscale version is **55.2342, 58.1107, 63.2825**.

A 20% lighter version of the original color is **87.6607, 97.0443, 69.9883**, and **26.9686, 29.8439, 15.6483** is the 20% darker color. If you saturate the color by 10%, you get **52.1521, 57.4711, 28.3213**, and if you desaturate by 10%, it is **56.9318, 61.6250, 46.5791**.

Distribution



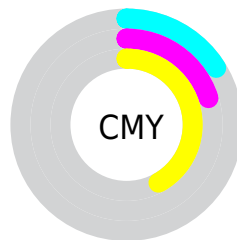
- Red (84%)
- Green (80%)
- Blue (58%)



- Red (62%)
- Yellow (84%)
- Blue (58%)



- Cyan (0%)
- Magenta (4%)
- Yellow (31%)
- Black (16%)




- Cyan (16%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3787, 59.4700, 36.6298 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 54.3787, 59.4700, 36.6298 by changing the saturation by 10% instead.


 54.3787, 59.4700,
36.6298

 54.3787, 59.4700,
36.6298


393.7273,
422.6414, 346.8253

 39.1364, 42.9916,
24.6275


 95.7837, 104.0605,
71.1830

 27.0470, 29.8785,
15.5832


 122.6771,
132.9413, 94.5709

 17.7453, 19.7464,
9.0786


154.1849,
166.7250, 122.5911

 10.8659, 12.2108,
4.6950

190.6724,
205.7961, 155.6622

 6.0433, 6.8874,
2.0138

232.5051,
250.5389, 194.2026

 2.9124, 3.3918,
0.5638

280.0482,

 1.1076, 1.3395,

301.3378, 238.6308

0.0000

333.6672,
358.5772, 289.3656

■ 0.0315, 0.1715,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3787, 59.4700,
36.6298

■ 54.3787, 59.4700,
36.6298

■ 52.1521, 57.4711,
28.3213

■ 56.9318, 61.6250,
46.5791

■ 50.2305, 55.6131,
21.5602

■ 59.8228, 63.9343,
58.2484

■ 48.5965, 53.8912,
16.2492

■ 63.0679, 66.4067,
71.7163

■ 47.2293, 52.2968,
12.2787

■ 66.6809, 69.0479,
87.0553

46.1050, 50.8204,
9.5234

70.6750, 71.8631,
104.3340

45.1952, 49.4504,
7.8341

71.5297, 73.4444,
105.0139

44.4826, 48.2301,
6.9649

72.3180, 75.0210,
105.2767

73.1201, 76.6251,
105.5440

73.9359, 78.2569,
105.8160

Harmonies

Analogous

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



60.6024, 59.4700, 37.5882



54.3787, 59.4700, 36.6298



49.1249, 59.4700, 42.0883

Triad

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



54.3787, 59.4700, 36.6298



47.9279, 59.4700, 89.5745



68.5337, 59.4700, 76.8448

Complementary

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



54.3787, 59.4700, 36.6298



36.2797, 35.2129, 67.8354

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.



64.6321, 59.4700, 94.3692



54.3787, 59.4700, 36.6298



52.6337, 59.4700, 102.5989

Square

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



54.3787, 59.4700, 36.6298



45.5855, 59.4700, 71.1790



58.7259, 59.4700, 104.4984



69.0867, 59.4700, 58.7253

Rectangle

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



54.3787, 59.4700, 36.6298



46.7631, 59.4700, 49.3397



58.7259, 59.4700, 104.4984



67.5576, 59.4700, 83.0815

Sweetspot

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



54.3802, 59.4727, 36.6310



90.5678, 96.5995, 90.2533



44.1810, 37.7867, 37.2008



19.2391, 20.5627, 18.7184



0.0000, 0.0000, 0.0000



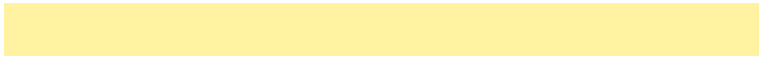
20.3446, 21.4041, 23.3091

Same Dimension

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



54.3802, 59.4727, 36.6310



79.3776, 87.2917, 46.2220



50.4376, 60.7061, 37.0769



13.3195, 14.2132, 13.2021



27.2280, 29.5732, 4.2731



1.6835, 1.8663, 0.2715

Inverse Universe

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



36.2797, 35.2129, 67.8354



47.7568, 44.9194, 100.7610



39.3409, 34.6146, 67.5586



11.8798, 12.2831, 15.6823



7.6557, 3.5732, 38.7393



0.5076, 0.3072, 2.3519

Previews

White Background



This preview shows how the XYZ color 54.3787, 59.4700, 36.6298 looks on a white background.

Color Contrast Check

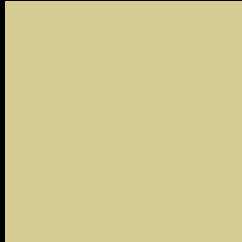
Large Text (above 18pt) WCAG AA × Fail

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 54.3787, 59.4700, 36.6298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

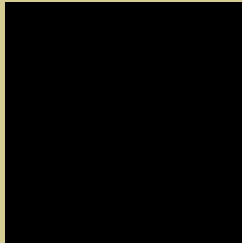
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3787, 59.4700, 36.6298

Background



This preview shows how black text looks on a background with the XYZ color 54.3787, 59.4700, 36.6298.



This preview shows how white text looks on a background with the XYZ color 54.3787, 59.4700,

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

54.3787, 59.4700, 36.6298

Protanopia

55.3004, 59.2531, 36.1261

Deuteranopia

60.3934, 59.1363, 37.0855



Tritanopia

61.3166, 59.5552, 69.8916

Trichromacy



Original Color

54.3787, 59.4700, 36.6298

Protanomaly

54.9413, 59.4174, 36.1767

Deuteranomaly

58.2520, 59.3811, 36.8253

Tritanomaly

58.4140, 59.3831, 55.9603

Monochromacy



Original Color

54.3787, 59.4700, 36.6298

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.4040, 58.0886, 52.0609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3787, 59.4700, 36.6298 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(213, 204, 148)` looks like.

```
.text, #text, p{  
    color:rgb(213, 204, 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(213, 204, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 204, 148) }
```

Border

The CSS property to change the border of an element to XYZ 54.3787, 59.4700, 36.6298 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(213, 204, 148) }
```


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

```
.border{ border-color:rgb(213, 204, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 204, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 204, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 204, 148); box-shadow:4px 4px 4px 4px rgb(213, 204, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3787, 59.4700, 36.6298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 204, 148) }
```

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

```
.background{ background-color: rgb(213,  
204, 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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