

Converting Colors

XYZ(54.2638, 59.6540, 34.9308)

Have a look what the booklet for
XYZ(54.2638, 59.6540, 34.9308)
contains.

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Color

**XYZ(54.3059, 59.8224,
35.0702)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CD90
RGB	213, 205, 144
RGB Percent	84%, 80%, 56%
CMY	0.1647, 0.1961, 0.4353
CMYK	0.00, 0.04, 0.32, 0.16
HSL	53°, 45%, 70%
HSV	53°, 32%, 84%
XYZ	54.3059, 59.8224, 35.0702
YIQ	200.4380, 24.3490, -17.2750

Conversions

Conversions Part 2

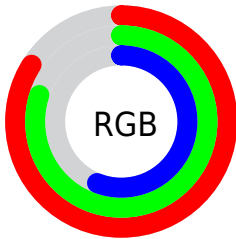
Format	Color
R_{YB}	153, 213, 144
Decimal	14011792
CIE _{Lab}	81.74, -6.40, 31.42
CIE _{LCh}	82, 32.070, 101.518
Yxy	59.8224, 0.3640, 0.4010
Android (android.graphics.Color)	4292201872 (0xFFD5CD90)
YUV	200.4380, -27.8239, 11.0169
Hunter-Lab	77.3449, -10.0241, 27.2578

Details

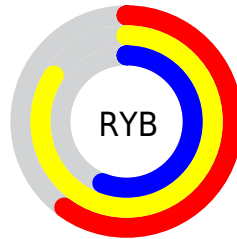
The XYZ color **54.3059, 59.8224, 35.0702** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.7398, 33.1889, 67.5259**, and the grayscale version is **55.3269, 58.2082, 63.3888**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **26.9470, 30.0916, 14.7439** is the 20% darker color. If you saturate the color by 10%, you get **52.2440, 58.0626, 27.0949**, and if you desaturate by 10%, it is **56.6873, 61.7292, 44.6688**.

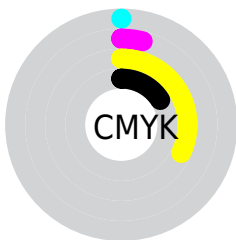
Distribution



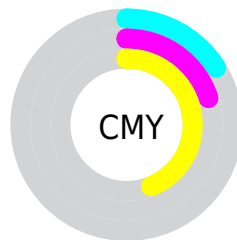
- Red (84%)
- Green (80%)
- Blue (56%)



- Red (60%)
- Yellow (84%)
- Blue (56%)



- Cyan (0%)
- Magenta (4%)
- Yellow (32%)
- Black (16%)





- Cyan (16%)
- Magenta (20%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3059, 59.8224, 35.0702 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 54.3059, 59.8224, 35.0702 by changing the saturation by 10% instead.


 54.3059, 59.8224,
35.0702


 54.3059, 59.8224,
35.0702


393.4548,
423.9428, 339.7918

 39.0779, 43.2755,
23.4330


 95.6775, 104.5720,
68.7473

 27.0013, 30.1013,
14.7052


 122.5518,
133.5435, 91.6243

 17.7108, 19.9155,
8.4685


154.0390,
167.4253, 119.0849

 10.8410, 12.3336,
4.3041

190.5044,
206.6018, 151.5477

 6.0265, 6.9713,
1.7936

232.3133,
251.4574, 189.4313

 2.9020, 3.4442,
0.4237

279.8311,

 1.1022, 1.3678,

302.3765, 233.1541

0.0000

333.4231,
359.7435, 283.1347

■ 0.0269, 0.1928,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3059, 59.8224,
35.0702

■ 54.3059, 59.8224,
35.0702

■ 52.2440, 58.0626,
27.0949

■ 56.6873, 61.7292,
44.6688

■ 50.4797, 56.4345,
20.6478

■ 59.3998, 63.7812,
55.9709

■ 48.9955, 54.9332,
15.6300

■ 62.4596, 65.9872,
69.0561

■ 47.7700, 53.5501,
11.9293

■ 65.8808, 68.3529,
83.9978

■ 46.7786, 52.2753,
9.4165

■ 69.6766, 70.8836,
100.8653

■ 45.9920, 51.0969,
7.9368

■ 71.0347, 72.4544,
104.8489

■ 45.4924, 50.2498,
7.3015

■ 71.6865, 73.7580,
105.0662

■ 72.3479, 75.0808,
105.2866

■ 73.0190, 76.4229,
105.5103

Harmonies

Analogous

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



61.0759, 59.8224, 35.8497



54.3059, 59.8224, 35.0702



48.6794, 59.8224, 41.0713

Triad

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



54.3059, 59.8224, 35.0702



47.6806, 59.8224, 93.0265



70.0850, 59.8224, 77.6508

Complementary

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



54.3059, 59.8224, 35.0702



34.7398, 33.1889, 67.5259

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.



65.9080, 59.8224, 97.1367



54.3059, 59.8224, 35.0702



52.8416, 59.8224, 107.1548

Square

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



54.3059, 59.8224, 35.0702



45.0615, 59.8224, 72.8475



59.4917, 59.8224, 108.7924



70.5554, 59.8224, 57.9897

Rectangle

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



54.3059, 59.8224, 35.0702



46.1928, 59.8224, 48.9629



59.4917, 59.8224, 108.7924



69.0533, 59.8224, 84.5288

Sweetspot

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



54.3074, 59.8251, 35.0715



90.2775, 96.5945, 88.3818



43.0859, 36.3619, 34.4757



19.1889, 20.5769, 18.3481



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.



54.3074, 59.8251, 35.0715



79.3963, 88.0323, 44.0604



49.2122, 60.1104, 35.3951



13.3443, 14.2628, 13.2104



27.8373, 30.7919, 4.4762



1.7146, 1.9284, 0.2819

Inverse Universe

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



34.7398, 33.1889, 67.5259



45.5054, 41.9072, 100.2982



38.6591, 33.3476, 67.3499



11.8573, 12.2381, 15.6748



7.5830, 3.4277, 38.7151



0.4970, 0.2860, 2.3483

Previews

White Background



This preview shows how the XYZ color 54.3059, 59.8224, 35.0702 looks on a white background.

Color Contrast Check

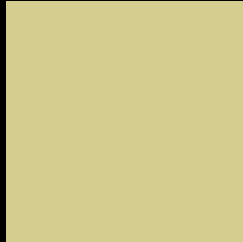
Large Text (above 18pt) WCAG AA × Fail

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 54.3059, 59.8224, 35.0702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

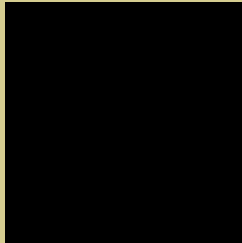
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3059, 59.8224, 35.0702

Background



This preview shows how black text looks on a background with the XYZ color 54.3059, 59.8224, 35.0702.



This preview shows how white text looks on a background with the XYZ color 54.3059, 59.8224,

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

54.3059, 59.8224, 35.0702

Protanopia

55.5273, 59.7551, 34.5939

Deuteranopia

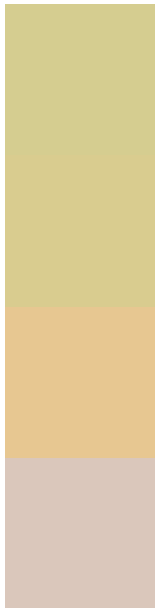
60.9790, 59.8063, 35.5240



Tritanopia

61.4424, 59.6055, 70.5540

Trichromacy



Original Color

54.3059, 59.8224, 35.0702

Protanomaly

55.1661, 59.9206, 34.6449

Deuteranomaly

58.4893, 59.8801, 35.2634

Tritanomaly

58.3065, 59.3401, 55.3944

Monochromacy



Original Color

54.3059, 59.8224, 35.0702

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.5356, 58.5155, 51.6003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3059, 59.8224, 35.0702 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, 205, 144)` looks like.

```
.text, #text, p{  
    color:rgb(213, 205, 144)  
}
```

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, 205, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 205, 144) }
```

Border

The CSS property to change the border of an element to XYZ 54.3059, 59.8224, 35.0702 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, 205, 144) }
```


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

```
.border{ border-color:rgb(213, 205, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 205, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 205, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 205, 144);  
box-shadow:4px 4px 4px 4px rgb(213, 205,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3059, 59.8224, 35.0702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 205, 144) }
```

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

```
.background{ background-color: rgb(213,  
205, 144) }
```

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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