

Converting Colors

XYZ(54.2270, 62.6536, 35.6650)

Have a look what the booklet for
XYZ(54.2270, 62.6536, 35.6650)
contains.

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Color

**XYZ(54.2819, 62.7239,
35.6315)**

Conversions

Conversions Part 1

Format	Color
Hex	CED590
RGB	206, 213, 144
RGB Percent	81%, 84%, 56%
CMY	0.1922, 0.1647, 0.4353
CMYK	0.03, 0.00, 0.32, 0.16
HSL	66°, 45%, 70%
HSV	66°, 32%, 84%
XYZ	54.2819, 62.7239, 35.6315
YIQ	203.0410, 17.9770, -22.9430

Conversions

Conversions Part 2

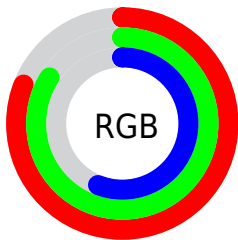
Format	Color
RYB	144, 213, 151
Decimal	13555088
CIELab	83.30, -13.17, 33.38
CIELCh	83, 35.882, 111.530
Yxy	62.7239, 0.3556, 0.4109
Android (android.graphics.Color)	4291745168 (0xFFCED590)
YUV	203.0410, -29.1072, 2.5950
Hunter-Lab	79.1984, -16.2549, 28.7642

Details

The XYZ color **54.2819, 62.7239, 35.6315** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.7483, 31.3315, 67.1705**, and the grayscale version is **56.9610, 59.9274, 65.2609**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **26.9651, 31.8233, 15.0772** is the 20% darker color. If you saturate the color by 10%, you get **52.2095, 61.8283, 27.8234**, and if you desaturate by 10%, it is **56.6729, 63.7523, 45.0604**.

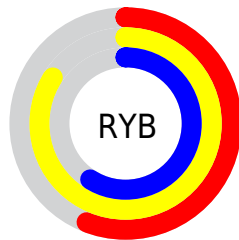
Distribution



Red (81%)

Green (84%)

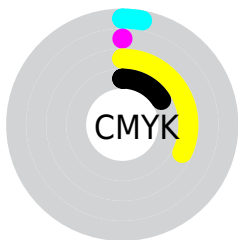
Blue (56%)



Red (56%)

Yellow (84%)

Blue (59%)

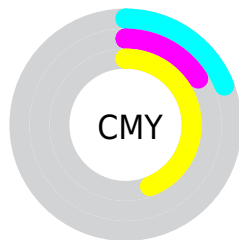


Cyan (3%)

Magenta (0%)

Yellow (32%)

Black (16%)



Cyan (19%)


Magenta (16%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2819, 62.7239, 35.6315 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 54.2819, 62.7239, 35.6315 by changing the saturation by 10% instead.

 54.2819, 62.7239,
35.6315


 54.2819, 62.7239,
35.6315


393.3649,
434.5668, 342.3356

 39.0586, 45.6179,
23.8623


 95.6425, 108.7711,
69.6255

 26.9863, 31.9444,
15.0202


 122.5106,
138.4810, 92.6875

 17.6995, 21.3190,
8.6868


153.9909,
173.1611, 120.3507

 10.8328, 13.3574,
4.4435

190.4490,
213.1957, 153.0338

 6.0210, 7.6751,
1.8716

232.2500,
258.9691, 191.1553

 2.8986, 3.8878,
0.4746

279.7595,

 1.1004, 1.6110,

310.8659, 235.1337

0.0000

333.3426,
369.2703, 285.3877

■ 0.0254, 0.3650,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2819, 62.7239,
35.6315

■ 54.2819, 62.7239,
35.6315

■ 52.2095, 61.8283,
27.8234

■ 56.6729, 63.7523,
45.0604

■ 50.4337, 61.0500,
21.5409

■ 59.3938, 64.9115,
56.1901

■ 48.9369, 60.3843,
16.6850

■ 62.4610, 66.2101,
69.1002

■ 47.6978, 59.8226,
13.1435

■ 65.8886, 67.6538,
83.8641

■ 46.6918, 59.3551,
10.7874

■ 69.6896, 69.2480,
100.5512

■ 45.8896, 58.9701,
9.4618

■ 71.0513, 69.8673,
104.3487

■ 45.3776, 58.7171,
8.9419

■ 71.7061, 70.2048,
104.3793

■ 72.3693, 70.5467,
104.4103

■ 73.0410, 70.8930,
104.4418

Harmonies

Analogous

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



61.8530, 62.7239, 34.0181



54.2819, 62.7239, 35.6315



48.6313, 62.7239, 44.9130

Triad

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



54.2819, 62.7239, 35.6315



50.7673, 62.7239, 107.7361



75.7118, 62.7239, 74.8177

Complementary

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



54.2819, 62.7239, 35.6315



34.7483, 31.3315, 67.1705

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.



72.1443, 62.7239, 98.6448



54.2819, 62.7239, 35.6315



57.4359, 62.7239, 120.1836

Square

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



54.2819, 62.7239, 35.6315



46.7286, 62.7239, 85.2988



65.2911, 62.7239, 116.5362



74.6813, 62.7239, 53.7170

Rectangle

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



54.2819, 62.7239, 35.6315



46.4961, 62.7239, 55.5747



65.2911, 62.7239, 116.5362



75.0001, 62.7239, 82.8232

Sweetspot

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



54.2835, 62.7267, 35.6328



90.2668, 97.9774, 88.6493



43.5272, 38.2624, 31.4777



19.1862, 20.9141, 18.4133



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.



54.2835, 62.7267, 35.6328



79.3455, 93.3003, 45.0799



45.7561, 58.3307, 35.2338



13.3428, 14.4529, 13.2472



27.7672, 35.8908, 5.4641



1.7114, 2.1837, 0.3313

Inverse Universe

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



34.7483, 31.3315, 67.1705



45.5148, 38.9149, 99.7202



42.0897, 35.1161, 67.5140



11.8584, 12.0684, 15.6419



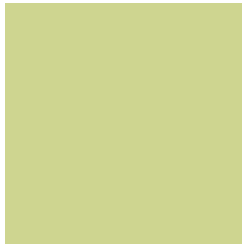
7.5738, 3.0569, 38.6440



0.4976, 0.2054, 2.3327

Previews

White Background



This preview shows how the XYZ color 54.2819, 62.7239, 35.6315 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 54.2819, 62.7239, 35.6315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

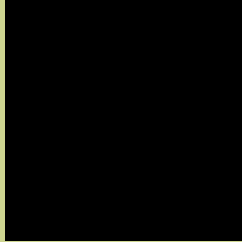
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

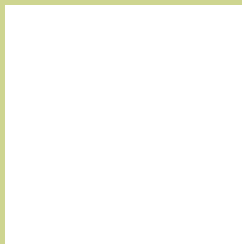
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.2819, 62.7239, 35.6315

Background



This preview shows how black text looks on a background with the XYZ color 54.2819, 62.7239, 35.6315.



This preview shows how white text looks on a background with the XYZ color 54.2819, 62.7239,

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

54.2819, 62.7239, 35.6315

Protanopia

57.9358, 62.4259, 34.5871

Deuteranopia

64.0477, 62.7276, 36.3357



Tritanopia

62.2985, 62.3263, 76.4568

Trichromacy



Original Color

54.2819, 62.7239, 35.6315

Protanomaly

56.3737, 62.3358, 35.0474

Deuteranomaly

60.0599, 62.4169, 36.0763

Tritanomaly

58.9786, 62.4285, 58.8106

Monochromacy



Original Color

54.2819, 62.7239, 35.6315

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.6582, 60.8404, 53.0658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2819, 62.7239, 35.6315 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(206, 213, 144)` looks like.

```
.text, #text, p{  
    color:rgb(206, 213, 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(206, 213, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 213, 144) }
```

Border

The CSS property to change the border of an element to XYZ 54.2819, 62.7239, 35.6315 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(206, 213, 144) }
```


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

```
.border{ border-color:rgb(206, 213, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 213, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 213, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 213, 144);  
box-shadow:4px 4px 4px 4px rgb(206, 213,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2819, 62.7239, 35.6315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 213, 144) }
```

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

```
.background{ background-color: rgb(206,  
213, 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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