

Converting Colors

XYZ(54.2431, 56.7393, 29.7634)

Have a look what the booklet for
XYZ(54.2431, 56.7393, 29.7634)
contains.

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Color

**XYZ(54.3362, 56.8338,
29.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	DFC484
RGB	223, 196, 132
RGB Percent	87%, 77%, 52%
CMY	0.1255, 0.2313, 0.4823
CMYK	0.00, 0.12, 0.41, 0.13
HSL	42°, 59%, 70%
HSV	42°, 41%, 87%
XYZ	54.3362, 56.8338, 29.9360
YIQ	196.7770, 36.6360, -14.1800

Conversions

Conversions Part 2

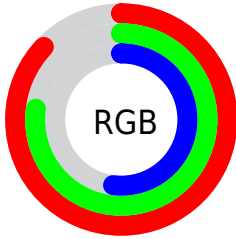
Format	Color
RYB	170, 223, 132
Decimal	14664836
CIELab	80.09, 0.81, 35.62
CIElCh	80, 35.625, 88.698
Yxy	56.8338, 0.3851, 0.4028
Android (android.graphics.Color)	4292854916 (0xFFDFC484)
YUV	196.7770, -31.9351, 22.9976
Hunter-Lab	75.3882, -3.2751, 29.2282

Details

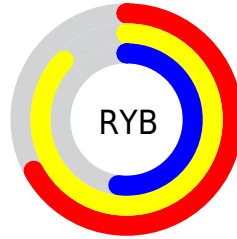
The XYZ color **54.3362, 56.8338, 29.9360** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **35.2327, 35.0283, 74.7161**, and the grayscale version is **53.1087, 55.8744, 60.8473**.

A 20% lighter version of the original color is **84.9133, 94.4260, 60.2050**, and **26.8841, 28.0471, 11.7813** is the 20% darker color. If you saturate the color by 10%, you get **51.5114, 53.3708, 22.2536**, and if you desaturate by 10%, it is **57.5558, 60.5642, 39.3604**.

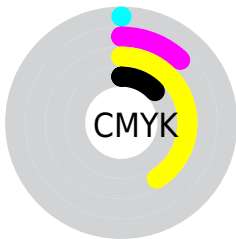
Distribution



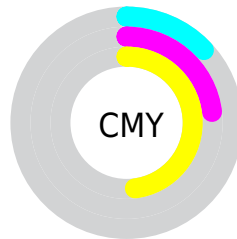
- Red (87%)
- Green (77%)
- Blue (52%)



- Red (67%)
- Yellow (87%)
- Blue (52%)



- Cyan (0%)
- Magenta (12%)
- Yellow (41%)
- Black (13%)





- Cyan (13%)
- Magenta (23%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3362, 56.8338, 29.9360 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 54.3362, 56.8338, 29.9360 by changing the saturation by 10% instead.


 54.3362, 56.8338,
29.9360


 54.3362, 56.8338,
29.9360


393.5682,
412.8262, 315.8040


 39.1023, 40.8718,
19.5384


 95.7217, 100.2226,
60.6208

 27.0204, 28.2189,
11.8792


 122.6040,
128.4183, 81.7450

 17.7252, 18.4908,
6.5399

 154.0997,
161.4606, 107.2818

 10.8514, 11.3029,
3.1020

190.5743,
199.7340, 137.6498

 6.0335, 6.2710,
1.1470

232.3931,
243.6229, 173.2675

 2.9063, 3.0105,
0.0000

279.9215,

 1.1044, 1.1372,

293.5116, 214.5534

0.0000

333.5247,
349.7846, 261.9260

■ 0.0288, 0.0095,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3362, 56.8338,
29.9360

■ 54.3362, 56.8338,
29.9360

■ 51.5114, 53.3708,
22.2536

■ 57.5558, 60.5642,
39.3604

■ 49.0554, 50.1571,
16.1990


■ 61.1860, 64.5633,
50.6244


■ 46.9453, 47.1844,
11.6498


■ 65.2466, 68.8425,
63.8223

■ 45.1534, 44.4402,
8.4645


■ 69.7548, 73.4099,
79.0408

 43.6469, 41.9098,
6.4745


 74.7269, 78.2732,
96.3617

 42.4627, 39.7506,
5.4346

 78.3896, 82.7244,
106.4436

 80.3264, 86.5981,
107.0892

 82.3345, 90.6142,
107.7585

 84.2414, 94.4279,
108.3942

Harmonies

Analogous

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



61.5897, 56.8338, 33.6549



54.3362, 56.8338, 29.9360



47.5977, 56.8338, 33.0541

Triad

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



54.3362, 56.8338, 29.9360



42.6908, 56.8338, 83.1005



66.8264, 56.8338, 85.0277

Complementary

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



54.3362, 56.8338, 29.9360



35.2327, 35.0283, 74.7161

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.



60.9929, 56.8338, 103.9217



54.3362, 56.8338, 29.9360



47.0953, 56.8338, 102.6452

Square

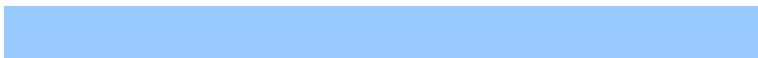
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.3362, 56.8338, 29.9360



41.2468, 56.8338, 60.9796



53.7027, 56.8338, 110.9900



69.1878, 56.8338, 62.7940

Rectangle

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



54.3362, 56.8338, 29.9360



44.2089, 56.8338, 39.0955



53.7027, 56.8338, 110.9900



65.1822, 56.8338, 92.1492

Sweetspot

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



54.3376, 56.8364, 29.9372



87.6811, 92.5281, 84.0442



44.9671, 34.7047, 37.2668



18.6072, 19.6381, 17.4620



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.



54.3376, 56.8364, 29.9372



70.3270, 72.9818, 31.5170



55.6744, 67.3920, 31.9041



14.5105, 15.3070, 14.4965



25.0702, 23.5784, 3.2297



1.8145, 1.7879, 0.2495

Inverse Universe

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



35.2327, 35.0283, 74.7161



41.1035, 39.6496, 100.0945



34.1856, 28.3340, 73.4791



13.2818, 13.9027, 17.3711



9.0682, 5.6060, 41.6525



0.7049, 0.5413, 2.9126

Previews

White Background



This preview shows how the XYZ color 54.3362, 56.8338, 29.9360 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 54.3362, 56.8338, 29.9360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

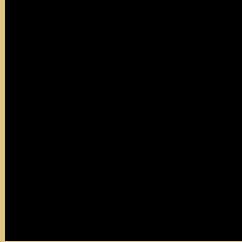
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3362, 56.8338, 29.9360

Background



This preview shows how black text looks on a background with the XYZ color 54.3362, 56.8338, 29.9360.



This preview shows how white text looks on a background with the XYZ color 54.3362, 56.8338,

29.9360.

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

54.3362, 56.8338, 29.9360

Protanopia

52.6814, 56.9874, 30.4134

Deuteranopia

57.9070, 56.6975, 30.0820



Tritanopia

61.0641, 56.6279, 63.5890

Trichromacy



Original Color

54.3362, 56.8338, 29.9360

Protanomaly

53.3412, 56.9870, 30.3785

Deuteranomaly

56.6875, 56.7164, 30.1499

Tritanomaly

58.0278, 56.3321, 49.4098

Monochromacy



Original Color

54.3362, 56.8338, 29.9360

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.9627, 56.0714, 47.5666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3362, 56.8338, 29.9360 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(223, 196, 132)` looks like.

```
.text, #text, p{  
    color:rgb(223, 196, 132)  
}
```

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(223, 196, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 196, 132) }
```

Border

The CSS property to change the border of an element to XYZ 54.3362, 56.8338, 29.9360 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(223, 196, 132) }
```


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

```
.border{ border-color:rgb(223, 196, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 196, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 196, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 196, 132);  
box-shadow:4px 4px 4px 4px rgb(223, 196,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3362, 56.8338, 29.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 196, 132) }
```

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

```
.background{ background-color: rgb(223,  
196, 132) }
```

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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