

Converting Colors

XYZ(53.1144, 57.1244, 34.2285)

Have a look what the booklet for
XYZ(53.1144, 57.1244, 34.2285)
contains.

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Color

**XYZ(53.1129, 57.1262,
34.2137)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C78F
RGB	214, 199, 143
RGB Percent	84%, 78%, 56%
CMY	0.1608, 0.2196, 0.4392
CMYK	0.00, 0.07, 0.33, 0.16
HSL	47°, 46%, 70%
HSV	47°, 33%, 84%
XYZ	53.1129, 57.1262, 34.2137
YIQ	197.1010, 26.9160, -14.2360

Conversions

Conversions Part 2

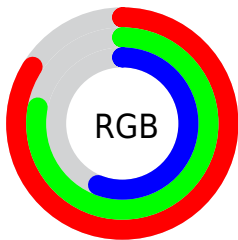
Format	Color
R _Y B	162, 214, 143
Decimal	14075791
CIE Lab	80.25, -3.04, 29.98
CIE LCh	80, 30.133, 95.785
Yxy	57.1262, 0.3677, 0.3955
Android (android.graphics.Color)	4292265871 (0xFFD6C78F)
YUV	197.1010, -26.6718, 14.8204
Hunter-Lab	75.5819, -6.8328, 26.0685

Details

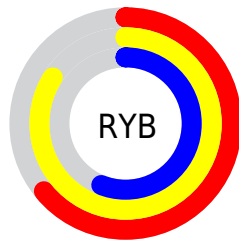
The XYZ color **53.1129, 57.1262, 34.2137** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.6918, 35.1473, 68.5213**, and the grayscale version is **53.2778, 56.0524, 61.0411**.

A 20% lighter version of the original color is **87.0780, 96.8112, 66.9203**, and **26.1577, 28.2926, 14.2076** is the 20% darker color. If you saturate the color by 10%, you get **50.6199, 54.4917, 26.1333**, and if you desaturate by 10%, it is **55.9489, 59.9514, 43.9355**.

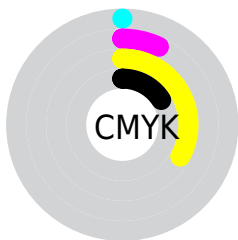
Distribution



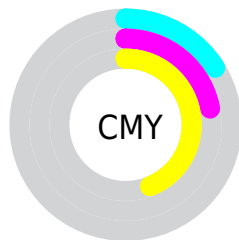
- Red (84%)
- Green (78%)
- Blue (56%)



- Red (64%)
- Yellow (84%)
- Blue (56%)



- Cyan (0%)
- Magenta (7%)
- Yellow (33%)
- Black (16%)





- Cyan (16%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1129, 57.1262, 34.2137 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 53.1129, 57.1262, 34.2137 by changing the saturation by 10% instead.


 53.1129, 57.1262,
34.2137

 53.1129, 57.1262,
34.2137


388.9719,
413.9220, 335.8821

 38.1207, 41.1066,
22.7791


 93.9350, 100.6493,
67.4035

 26.2541, 28.4024,
14.2267


 120.4957,
128.9216, 89.9959

 17.1475, 18.6292,
8.1380


151.6433,
162.0468, 117.1446

 10.4356, 11.4026,
4.0943

187.7431,
200.4095, 149.2682

 5.7532, 6.3383,
1.6772

229.1605,
244.3940, 186.7852

 2.7348, 3.0519,
0.3451

276.2609,

 1.0151, 1.1589,

294.3846, 230.1141

0.0000

329.4096,
350.7658, 279.6736

■ 0.0000, 0.0277,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.1129, 57.1262,
34.2137

■ 53.1129, 57.1262,
34.2137

■ 50.6199, 54.4917,
26.1333

■ 55.9489, 59.9514,
43.9355

■ 48.4478, 52.0326,
19.5977

■ 59.1402, 62.9665,
55.3807

■ 46.5783, 49.7430,
14.5058

■ 62.7035, 66.1806,
68.6303

■ 44.9893, 47.6138,
10.7429

■ 66.6533, 69.6000,
83.7588

■ 43.6555, 45.6344,
8.1766

■ 71.0032, 73.2305,
100.8367

■ 42.5462, 43.7921,
6.6475

■ 73.0114, 75.9757,
105.4244

■ 41.8832, 42.5994,
6.0150

■ 74.2575, 78.4680,
105.8398

■ 75.5363, 81.0256,
106.2661

■ 76.8480, 83.6490,
106.7033

Harmonies

Analogous

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



59.2953, 57.1262, 36.1341



53.1129, 57.1262, 34.2137



47.6683, 57.1262, 38.5645

Triad

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



53.1129, 57.1262, 34.2137



45.2537, 57.1262, 84.1917



65.8172, 57.1262, 77.1587

Complementary

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



53.1129, 57.1262, 34.2137



35.6918, 35.1473, 68.5213

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.



61.5128, 57.1262, 93.9343



53.1129, 57.1262, 34.2137



49.5873, 57.1262, 98.5020

Square

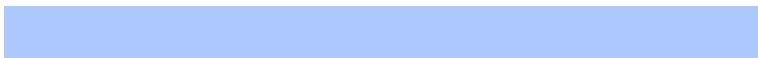
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.1129, 57.1262, 34.2137



43.3562, 57.1262, 65.6790



55.4980, 57.1262, 102.3674



66.9384, 57.1262, 58.8475

Rectangle

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



53.1129, 57.1262, 34.2137



45.0892, 57.1262, 45.0276



55.4980, 57.1262, 102.3674



64.6795, 57.1262, 83.2643

Sweetspot

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



53.1143, 57.1288, 34.2149



89.5187, 95.0770, 88.1289



43.7590, 36.4235, 37.2458



19.0042, 20.2076, 18.2865



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.



53.1143, 57.1288, 34.2149



76.2586, 82.0975, 41.9641



51.2230, 61.5303, 35.1642



13.2399, 14.0539, 13.1756



25.3935, 25.9042, 3.6616



1.5886, 1.6764, 0.2399

Inverse Universe

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



35.6918, 35.1473, 68.5213



46.4278, 44.4742, 100.7451



37.0888, 32.2995, 67.8980



11.9530, 12.4295, 15.7067



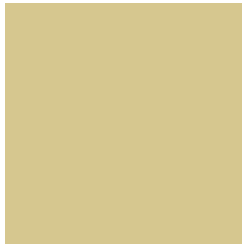
7.9698, 4.2013, 38.8440



0.5419, 0.3757, 2.3633

Previews

White Background



This preview shows how the XYZ color 53.1129, 57.1262, 34.2137 looks on a white background.

Color Contrast Check

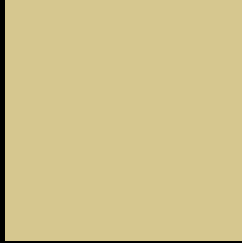
Large Text (above 18pt) WCAG AA × Fail

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 53.1129, 57.1262, 34.2137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

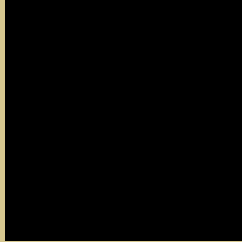
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1129, 57.1262, 34.2137

Background



This preview shows how black text looks on a background with the XYZ color 53.1129, 57.1262, 34.2137.



This preview shows how white text looks on a background with the XYZ color 53.1129, 57.1262, 34.2137.

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

53.1129, 57.1262, 34.2137

Protanopia

53.1129, 57.1262, 34.2137

Deuteranopia

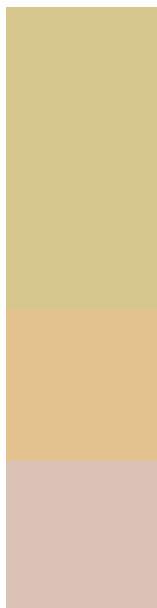
58.3337, 57.1388, 34.7424



Tritanopia

59.5902, 57.0900, 66.2712

Trichromacy



Original Color

53.1129, 57.1262, 34.2137

Protanomaly

53.1129, 57.1262, 34.2137

Deuteranomaly

56.3207, 57.0912, 34.4368

Tritanomaly

56.7525, 56.9079, 52.7929

Monochromacy



Original Color

53.1129, 57.1262, 34.2137

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.7585, 56.2590, 49.6734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1129, 57.1262, 34.2137 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(214, 199, 143)` looks like.

```
.text, #text, p{  
    color:rgb(214, 199, 143)  
}
```

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(214, 199, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 199, 143) }
```

Border

The CSS property to change the border of an element to XYZ 53.1129, 57.1262, 34.2137 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(214, 199, 143) }
```


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

```
.border{ border-color:rgb(214, 199, 143) }
```

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

Here you see how a box with a 4 pixel rgb(214, 199, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 199, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 199, 143);  
box-shadow:4px 4px 4px 4px rgb(214, 199,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1129, 57.1262, 34.2137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 199, 143) }
```

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

```
.background{ background-color: rgb(214,  
199, 143) }
```

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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