

Converting Colors

XYZ(56.1818, 65.5267, 37.8411)

Have a look what the booklet for
XYZ(56.1818, 65.5267, 37.8411)
contains.

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Color

**XYZ(56.1488, 65.5463,
37.7093)**

Conversions

Conversions Part 1

Format	Color
Hex	CFDA94
RGB	207, 218, 148
RGB Percent	81%, 85%, 58%
CMY	0.1882, 0.1451, 0.4196
CMYK	0.05, 0.00, 0.32, 0.15
HSL	69°, 49%, 72%
HSV	69°, 32%, 85%
XYZ	56.1488, 65.5463, 37.7093
YIQ	206.7310, 15.9140, -24.1020

Conversions

Conversions Part 2

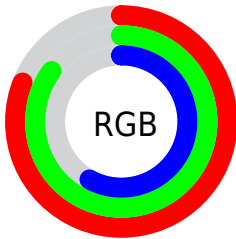
Format	Color
RYB	148, 218, 159
Decimal	13621908
CIELab	84.76, -14.79, 33.28
CIELCh	85, 36.420, 113.964
Yxy	65.5463, 0.3522, 0.4112
Android (android.graphics.Color)	4291811988 (0xFFCFDA94)
YUV	206.7310, -28.9544, 0.2359
Hunter-Lab	80.9607, -17.8857, 29.0568

Details

The XYZ color **56.1488, 65.5463, 37.7093** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.5454, 33.6144, 70.8428**, and the grayscale version is **59.3097, 62.3984, 67.9519**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **28.1574, 33.7143, 16.0898** is the 20% darker color. If you saturate the color by 10%, you get **53.6367, 64.4343, 29.4171**, and if you desaturate by 10%, it is **59.0101, 66.8049, 47.7169**.

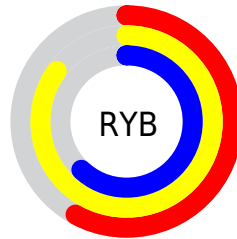
Distribution



Red (81%)

Green (85%)

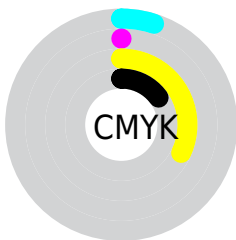
Blue (58%)



Red (58%)

Yellow (85%)

Blue (62%)

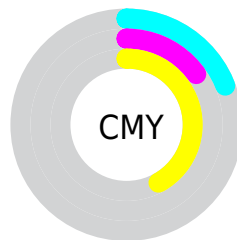


Cyan (5%)

Magenta (0%)

Yellow (32%)

Black (15%)



Cyan (19%)

Magenta (15%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1488, 65.5463, 37.7093 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 56.1488, 65.5463, 37.7093 by changing the saturation by 10% instead.


 56.1488, 65.5463,
37.7093

 56.1488, 65.5463,
37.7093


400.3180,
444.7525, 351.6320

 40.5597, 47.9042,
25.4571


 98.3607, 112.8349,
72.8608

 28.1614, 33.7510,
16.1958

 125.7141,
143.2502, 96.5972

 18.5884, 22.7024,
9.5070


157.7198,
178.6920, 124.9987

 11.4755, 14.3739,
4.9720

194.7429,
219.5447, 158.4839

 6.4573, 8.3812,
2.1724

237.1490,
266.1927, 197.4712

 3.1683, 4.3398,
0.6584

285.3033,

 1.2434, 1.8654,

319.0204, 242.3794

0.0000

339.5711,
378.4122, 293.6268

0.1402, 0.5275,
0.0000

0.0000, 0.0000,
0.0000

56.1488, 65.5463,
37.7093

56.1488, 65.5463,
37.7093

53.6367, 64.4343,
29.4171

59.0101, 66.8049,
47.7169

51.4503, 63.4527,
22.7396


62.2325, 68.2081,
59.5245


49.5710, 62.5963,
17.5726


65.8335, 69.7652,
73.2161


47.9764, 61.8561,
13.7975


69.8281, 71.4821,
88.8692


 46.6402, 61.2217,
11.2782


 73.9056, 73.2347,
104.8482


 45.5315, 60.6806,
9.8513

 74.9795, 73.7883,
104.8985

 44.7760, 60.3030,
9.2797

 76.0749, 74.3530,
104.9497

 77.1920, 74.9289,
105.0020

 78.3309, 75.5160,
105.0553

Harmonies

Analogous

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



63.9624, 65.5463, 35.3925



56.1488, 65.5463, 37.7093



50.4666, 65.5463, 48.0865

Triad

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



56.1488, 65.5463, 37.7093



53.5273, 65.5463, 114.1638



79.2206, 65.5463, 76.1934

Complementary

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



56.1488, 65.5463, 37.7093



37.5454, 33.6144, 70.8428

Split Complementary

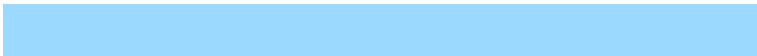
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.8516, 65.5463, 101.1639



56.1488, 65.5463, 37.7093



60.6662, 65.5463, 125.9549

Square

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



56.1488, 65.5463, 37.7093



49.0480, 65.5463, 91.1948



68.8844, 65.5463, 120.7419



77.7463, 65.5463, 54.6471

Rectangle

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



56.1488, 65.5463, 37.7093



48.4189, 65.5463, 59.6741



68.8844, 65.5463, 120.7419



78.6084, 65.5463, 84.4995

Sweetspot

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



56.1505, 65.5492, 37.7107



89.7533, 97.7127, 88.6252



46.5733, 41.6700, 33.6063



19.0612, 20.8496, 18.4074



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.



56.1505, 65.5492, 37.7107



77.4428, 92.3195, 44.9908



47.5422, 61.1115, 37.3078



13.9507, 15.1548, 13.9155



26.8993, 36.1646, 5.5627



1.7979, 2.3714, 0.3630

Inverse Universe

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



37.5454, 33.6144, 70.8428



46.6979, 39.5248, 99.7756



45.3669, 37.6466, 71.2088



12.5284, 12.7150, 16.4461



8.0405, 3.2692, 39.9456



0.5815, 0.2430, 2.5907

Previews

White Background



This preview shows how the XYZ color 56.1488, 65.5463, 37.7093 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 56.1488, 65.5463, 37.7093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

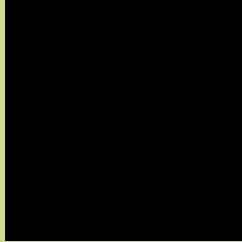
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

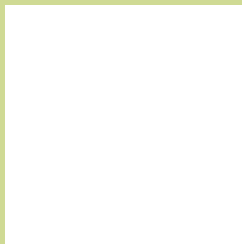
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1488, 65.5463, 37.7093

Background



This preview shows how black text looks on a background with the XYZ color 56.1488, 65.5463, 37.7093.



This preview shows how white text looks on a background with the XYZ color 56.1488, 65.5463,

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

56.1488, 65.5463, 37.7093

Protanopia

60.7182, 65.2909, 36.1903

Deuteranopia

66.4901, 64.9847, 38.3170



Tritanopia

64.7618, 65.2997, 80.4250

Trichromacy



Original Color

56.1488, 65.5463, 37.7093

Protanomaly

59.0537, 65.5406, 36.7323

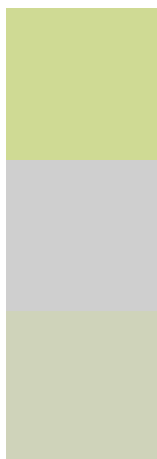
Deuteranomaly

62.3218, 64.9759, 38.1111

Tritanomaly

61.0621, 65.2643, 62.2023

Monochromacy



Original Color

56.1488, 65.5463, 37.7093

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.8893, 63.3991, 55.6405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1488, 65.5463, 37.7093 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(207, 218, 148)` looks like.

```
.text, #text, p{  
    color:rgb(207, 218, 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(207, 218, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 218, 148) }
```

Border

The CSS property to change the border of an element to XYZ 56.1488, 65.5463, 37.7093 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(207, 218, 148) }
```


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

```
.border{ border-color:rgb(207, 218, 148) }
```

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

Here you see how a box with a 4 pixel rgb(207, 218, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 218, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 218, 148);  
box-shadow:4px 4px 4px 4px rgb(207, 218,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1488, 65.5463, 37.7093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 218, 148) }
```

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

```
.background{ background-color: rgb(207,  
218, 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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