

Converting Colors

XYZ(56.2940, 61.7731, 32.8774)

Have a look what the booklet for
XYZ(56.2940, 61.7731, 32.8774)
contains.

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Color

**XYZ(56.1137, 61.5207,
32.9619)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC F8A
RGB	219, 207, 138
RGB Percent	86%, 81%, 54%
CMY	0.1412, 0.1882, 0.4588
CMYK	0.00, 0.05, 0.37, 0.14
HSL	51°, 53%, 70%
HSV	51°, 37%, 86%
XYZ	56.1137, 61.5207, 32.9619
YIQ	202.7220, 29.3010, -18.9150

Conversions

Conversions Part 2

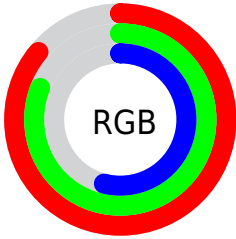
Format	Color
RYB	152, 219, 138
Decimal	14405514
CIELab	82.66, -5.80, 35.81
CIELCh	83, 36.275, 99.200
Yxy	61.5207, 0.3726, 0.4085
Android (android.graphics.Color)	4292595594 (0xFFDBC8A)
YUV	202.7220, -31.9079, 14.2758
Hunter-Lab	78.4351, -9.5598, 29.9883

Details

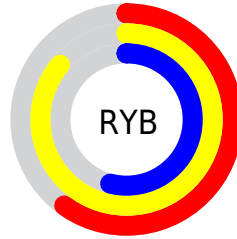
The XYZ color **56.1137, 61.5207, 32.9619** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.1735, 32.3295, 71.4570**, and the grayscale version is **56.7726, 59.7292, 65.0451**.

A 20% lighter version of the original color is **86.5144, 96.5858, 63.9523**, and **28.2158, 31.2571, 13.5629** is the 20% darker color. If you saturate the color by 10%, you get **53.9083, 59.3964, 25.1775**, and if you desaturate by 10%, it is **58.6581, 63.8108, 42.4379**.

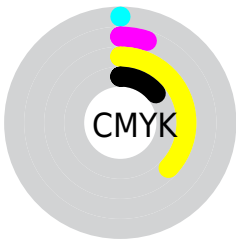
Distribution



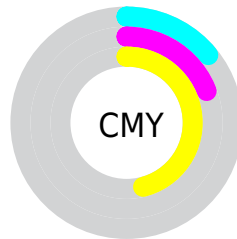
- Red (86%)
- Green (81%)
- Blue (54%)



- Red (60%)
- Yellow (86%)
- Blue (54%)



- Cyan (0%)
- Magenta (5%)
- Yellow (37%)
- Black (14%)



- Cyan (14%)
- Magenta (19%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1137, 61.5207, 32.9619 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 56.1137, 61.5207, 32.9619 by changing the saturation by 10% instead.

■ 56.1137, 61.5207,
32.9619

■ 56.1137, 61.5207,
32.9619

400.1879,
430.1806, 330.1048

■ 40.5314, 44.6455,
21.8264

■ 98.3096, 107.0325,
65.4314

■ 28.1392, 31.1783,
13.5323

■ 125.6541,
136.4379, 87.6024

■ 18.5716, 20.7347,
7.6611

■ 157.6499,
170.7889, 114.2890

■ 11.4633, 12.9302,
3.7942

194.6625,
210.4698, 145.9097

■ 6.4490, 7.3805,
1.5131

237.0573,
255.8650, 182.8832

■ 3.1632, 3.7012,
0.2277

285.1995,

■ 1.2406, 1.5078,

307.3590, 225.6278

0.0000

339.4546,
365.3360, 274.5621

■ 0.1381, 0.2942,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1137, 61.5207,
32.9619

■ 56.1137, 61.5207,
32.9619

■ 53.9083, 59.3964,
25.1775

■ 58.6581, 63.8108,
42.4379

■ 52.0177, 57.4215,
18.9791


■ 61.5546, 66.2655,
53.6951


■ 50.4221, 55.5902,
14.2551


■ 64.8213, 68.8945,
66.8211


■ 49.0972, 53.8924,
10.8779


■ 68.4737, 71.7040,
81.8969

 48.0143, 52.3167,
8.6979

 72.5262, 74.6999,
98.9985

 47.1363, 50.8480,
7.5199

 74.5861, 76.9254,
105.5247

 46.8927, 50.4185,
7.2602

 75.4787, 78.7106,
105.8223

 76.3881, 80.5295,
106.1254

 77.3144, 82.3821,
106.4342

Harmonies

Analogous

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



63.9501, 61.5207, 34.3791



56.1137, 61.5207, 32.9619



49.5167, 61.5207, 38.9608

Triad

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



56.1137, 61.5207, 32.9619



47.6269, 61.5207, 97.8862



73.6074, 61.5207, 83.3858

Complementary

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



56.1137, 61.5207, 32.9619



34.1735, 32.3295, 71.4570

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.



68.4502, 61.5207, 105.9875



56.1137, 61.5207, 32.9619



53.3190, 61.5207, 115.5657

Square

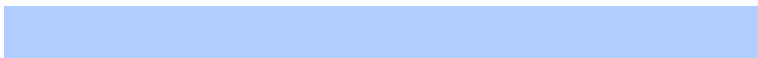
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.1137, 61.5207, 32.9619



44.9110, 61.5207, 74.0734



60.8987, 61.5207, 118.8208



74.5239, 61.5207, 60.3650

Rectangle

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



56.1137, 61.5207, 32.9619



46.5390, 61.5207, 47.3504



60.8987, 61.5207, 118.8208



72.2918, 61.5207, 91.4133

Sweetspot

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



56.1152, 61.5235, 32.9632



89.5474, 95.7016, 86.3895



43.8195, 35.4445, 33.4502



19.0316, 20.3753, 17.9470



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.



56.1152, 61.5235, 32.9632



76.8696, 84.6107, 38.1873



51.3173, 63.5293, 33.6032



13.9894, 14.9181, 13.8677



27.8686, 30.0228, 4.3261



1.8511, 2.0363, 0.2955

Inverse Universe

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



34.1735, 32.3295, 71.4570



41.8127, 37.9810, 99.7350



37.6746, 31.4370, 71.1002



12.4935, 12.9268, 16.4888



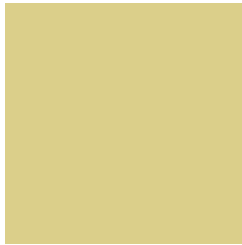
7.9439, 3.7572, 40.0449



0.5649, 0.3440, 2.6111

Previews

White Background



This preview shows how the XYZ color 56.1137, 61.5207, 32.9619 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 56.1137, 61.5207, 32.9619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

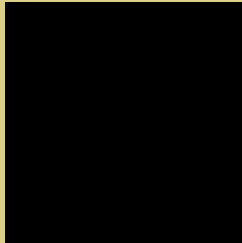
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

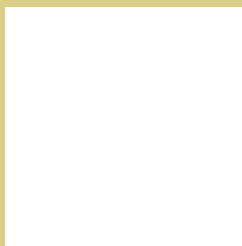
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1137, 61.5207, 32.9619

Background



This preview shows how black text looks on a background with the XYZ color 56.1137, 61.5207, 32.9619.



This preview shows how white text looks on a background with the XYZ color 56.1137, 61.5207,

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

56.1137, 61.5207, 32.9619

Protanopia

57.0181, 61.6367, 32.5588

Deuteranopia

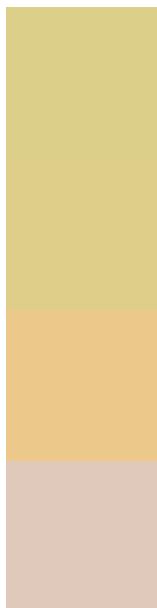
62.7059, 61.4188, 33.3610



Tritanopia

63.8829, 61.5232, 71.4590

Trichromacy



Original Color

56.1137, 61.5207, 32.9619

Protanomaly

56.7109, 61.4784, 32.5444

Deuteranomaly

60.1389, 61.4702, 33.1214

Tritanomaly

60.4900, 61.1658, 55.0724

Monochromacy



Original Color

56.1137, 61.5207, 32.9619

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.0240, 59.9957, 51.2754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1137, 61.5207, 32.9619 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(219, 207, 138)` looks like.

```
.text, #text, p{  
    color:rgb(219, 207, 138)  
}
```

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(219, 207, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 207, 138) }
```

Border

The CSS property to change the border of an element to XYZ 56.1137, 61.5207, 32.9619 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(219, 207, 138) }
```


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

```
.border{ border-color:rgb(219, 207, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 207, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 207, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 207, 138);  
box-shadow:4px 4px 4px 4px rgb(219, 207,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1137, 61.5207, 32.9619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 207, 138) }
```

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

```
.background{ background-color: rgb(219,  
207, 138) }
```

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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