

Converting Colors

XYZ(56.0380, 61.0975, 32.5748)

Have a look what the booklet for
XYZ(56.0380, 61.0975, 32.5748)
contains.

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Color

**XYZ(56.1019, 61.1644,
32.5159)**

Conversions

Conversions Part 1

Format	Color
Hex	DCCE89
RGB	220, 206, 137
RGB Percent	86%, 81%, 54%
CMY	0.1373, 0.1921, 0.4627
CMYK	0.00, 0.06, 0.38, 0.14
HSL	50°, 54%, 70%
HSV	50°, 38%, 86%
XYZ	56.1019, 61.1644, 32.5159
YIQ	202.3200, 30.4930, -18.4910

Conversions

Conversions Part 2

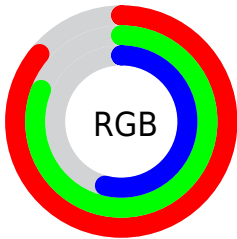
Format	Color
RYB	154, 220, 137
Decimal	14470793
CIELab	82.47, -5.01, 36.09
CIELCh	82, 36.434, 97.898
Yxy	61.1644, 0.3746, 0.4084
Android (android.graphics.Color)	4292660873 (0xFFDCCE89)
YUV	202.3200, -32.2028, 15.5054
Hunter-Lab	78.2077, -8.8173, 30.0947

Details

The XYZ color **56.1019, 61.1644, 32.5159** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.3012, 32.6180, 72.1983**, and the grayscale version is **56.5218, 59.4653, 64.7577**.

A 20% lighter version of the original color is **86.4040, 96.5416, 63.3706**, and **28.2178, 31.0209, 13.3045** is the 20% darker color. If you saturate the color by 10%, you get **53.8000, 58.8337, 24.7407**, and if you desaturate by 10%, it is **58.7498, 63.6716, 41.9952**.

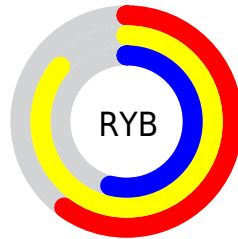
Distribution



Red (86%)

Green (81%)

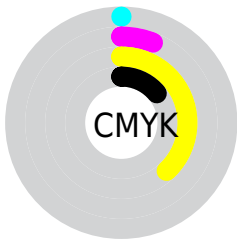
Blue (54%)



Red (60%)

Yellow (86%)

Blue (54%)

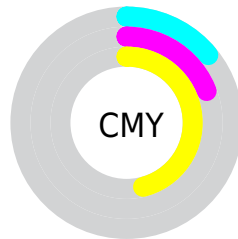


Cyan (0%)

Magenta (6%)

Yellow (38%)

Black (14%)



Cyan (14%)


Magenta (19%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1019, 61.1644, 32.5159 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 56.1019, 61.1644, 32.5159 by changing the saturation by 10% instead.


 56.1019, 61.1644,
32.5159


 56.1019, 61.1644,
32.5159


400.1442,
428.8765, 328.0275


 40.5219, 44.3579,
21.4878


 98.2925, 106.5169,
64.7263

 28.1318, 30.9519,
13.2863


 125.6339,
135.8317, 86.7456

 18.5660, 20.5623,
7.4930


 157.6264,
170.0847, 113.2657

 11.4592, 12.8044,
3.6892

194.6355,
209.6603, 144.7052

 6.4462, 7.2940,
1.4564

237.0264,
254.9429, 181.4826

 3.1614, 3.6466,
0.1851

285.1646,

 1.2397, 1.4779,

306.3169, 224.0164

0.0000

339.4154,
364.1666, 272.7252

■ 0.1374, 0.2731,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1019, 61.1644,
32.5159

■ 56.1019, 61.1644,
32.5159

■ 53.8000, 58.8337,
24.7407

■ 58.7498, 63.6716,
41.9952

■ 51.8196, 56.6629,
18.5622

■ 61.7572, 66.3543,
53.2699

■ 50.1403, 54.6458,
13.8666

■ 65.1424, 69.2224,
66.4291

■ 48.7371, 52.7722,
10.5233

■ 68.9213, 72.2824,
81.5550

■ 47.5808, 51.0302,
8.3791

■ 73.1086, 75.5403,
98.7249

■ 46.6310, 49.4033,
7.2217

■ 75.3809, 78.0670,
105.7032

■ 46.4292, 49.0436,
7.0193

■ 76.4140, 80.1331,
106.0475

■ 77.4691, 82.2433,
106.3992

■ 78.5463, 84.3978,
106.7583

Harmonies

Analogous

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



63.9519, 61.1644, 34.2472



56.1019, 61.1644, 32.5159



49.4151, 61.1644, 38.1697

Triad

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



56.1019, 61.1644, 32.5159



47.1032, 61.1644, 96.5593



73.1385, 61.1644, 84.0679

Complementary

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



56.1019, 61.1644, 32.5159



34.3012, 32.6180, 72.1983

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.



67.8246, 61.1644, 106.4849



56.1019, 61.1644, 32.5159



52.6819, 61.1644, 114.7458

Square

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



56.1019, 61.1644, 32.5159



44.5308, 61.1644, 72.6647



60.2165, 61.1644, 118.7349



74.2608, 61.1644, 60.8780

Rectangle

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



56.1019, 61.1644, 32.5159



46.3526, 61.1644, 46.3117



60.2165, 61.1644, 118.7349



71.7617, 61.1644, 92.0809

Sweetspot

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



56.1034, 61.1672, 32.5172



89.3679, 95.3427, 86.3297



44.1466, 35.3817, 34.3022



18.9885, 20.2893, 17.9327



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.



56.1034, 61.1672, 32.5172



75.8874, 82.9514, 36.9192



52.2844, 64.4247, 33.3472



13.9657, 14.8707, 13.8598



27.3201, 28.9257, 4.1433



1.8205, 1.9750, 0.2853

Inverse Universe

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



34.3012, 32.6180, 72.1983



41.4087, 37.8197, 99.7252



37.0269, 30.8758, 71.7184



12.5152, 12.9702, 16.4960



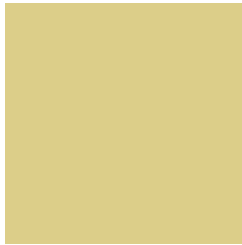
8.0268, 3.9231, 40.0726



0.5752, 0.3645, 2.6145

Previews

White Background



This preview shows how the XYZ color 56.1019, 61.1644, 32.5159 looks on a white background.

Color Contrast Check

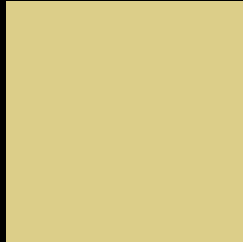
Large Text (above 18pt) WCAG AA × Fail

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 56.1019, 61.1644, 32.5159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

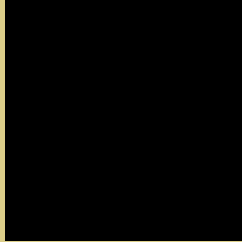
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1019, 61.1644, 32.5159

Background



This preview shows how black text looks on a background with the XYZ color 56.1019, 61.1644, 32.5159.

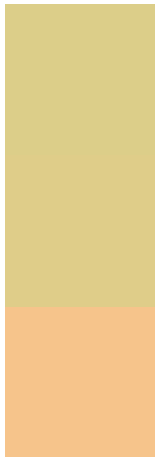


This preview shows how white text looks on a background with the XYZ color 56.1019, 61.1644,

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

56.1019, 61.1644, 32.5159

Protanopia

56.7781, 61.1568, 32.4788

Deuteranopia

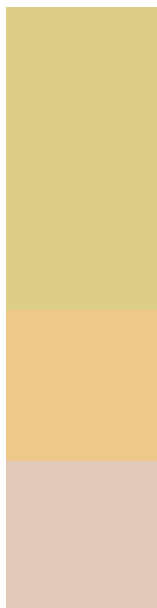
62.4062, 60.9368, 32.8989



Tritanopia

63.8448, 61.1800, 70.7313

Trichromacy



Original Color

56.1019, 61.1644, 32.5159

Protanomaly

56.4709, 60.9984, 32.4644

Deuteranomaly

60.1668, 61.1481, 32.6764

Tritanomaly

60.4626, 60.8189, 54.4514

Monochromacy



Original Color

56.1019, 61.1644, 32.5159

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.6863, 59.4815, 50.6656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1019, 61.1644, 32.5159 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(220, 206, 137)` looks like.

```
.text, #text, p{  
    color:rgb(220, 206, 137)  
}
```

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(220, 206, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 206, 137) }
```

Border

The CSS property to change the border of an element to XYZ 56.1019, 61.1644, 32.5159 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(220, 206, 137) }
```


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

```
.border{ border-color:rgb(220, 206, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 206, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 206, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 206, 137); box-shadow:4px 4px 4px 4px rgb(220, 206, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1019, 61.1644, 32.5159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 206, 137) }
```

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

```
.background{ background-color: rgb(220,  
206, 137) }
```

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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