

Converting Colors

XYZ(56.7755, 61.4572, 19.1910)

Have a look what the booklet for
XYZ(56.7755, 61.4572, 19.1910)
contains.

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Color

**XYZ(56.7621, 61.4419,
19.2237)**

Conversions

Conversions Part 1

Format	Color
Hex	E7CD5D
RGB	231, 205, 93
RGB Percent	91%, 80%, 36%
CMY	0.0941, 0.1961, 0.6353
CMYK	0.00, 0.11, 0.60, 0.09
HSL	49°, 74%, 64%
HSV	49°, 60%, 91%
XYZ	56.7621, 61.4419, 19.2237
YIQ	200.0060, 51.4480, -29.3200

Conversions

Conversions Part 2

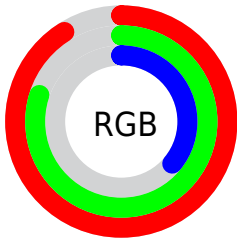
Format	Color
RYB	125, 231, 93
Decimal	15191389
CIELab	82.62, -4.01, 57.83
CIELCh	83, 57.967, 93.965
Yxy	61.4419, 0.4130, 0.4471
Android (android.graphics.Color)	4293381469 (0xFFE7CD5D)
YUV	200.0060, -52.7540, 27.1817
Hunter-Lab	78.3849, -7.9135, 40.3287

Details

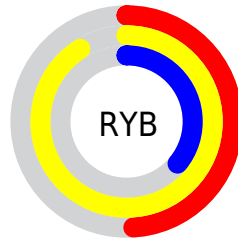
The XYZ color **56.7621, 61.4419, 19.2237** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **25.5346, 21.2896, 78.3644**, and the grayscale version is **55.1974, 58.0719, 63.2403**.

A 20% lighter version of the original color is **82.2665, 94.8866, 41.5828**, and **28.4461, 31.0504, 6.4135** is the 20% darker color. If you saturate the color by 10%, you get **54.8636, 59.0424, 14.2831**, and if you desaturate by 10%, it is **59.0014, 64.0287, 25.8035**.

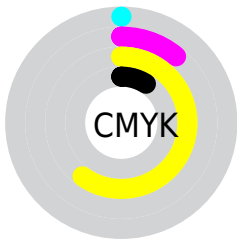
Distribution



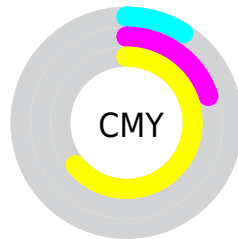
- Red (91%)
- Green (80%)
- Blue (36%)



- Red (49%)
- Yellow (91%)
- Blue (36%)



- Cyan (0%)
- Magenta (11%)
- Yellow (60%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7621, 61.4419, 19.2237 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 56.7621, 61.4419, 19.2237 by changing the saturation by 10% instead.

■ 56.7621, 61.4419,
19.2237

■ 56.7621, 61.4419,
19.2237

402.5859,
429.8924, 260.1447

■ 41.0537, 44.5819,
11.6536

■ 99.2513, 106.9185,
42.9535

■ 28.5489, 31.1282,
6.3886

■ 126.7629,
136.3039, 59.9502

■ 18.8824, 20.6965,
3.0102

■ 158.9394,
170.6332, 80.9263

■ 11.6888, 12.9023,
1.0998

■ 196.1465,
210.2909, 106.3001

■ 6.6028, 7.3613,
0.0000

238.7492,
255.6612, 136.4904

■ 3.2591, 3.6891,
0.0000

287.1132,

■ 1.2922, 1.5012,

307.1286, 171.9155

0.0000

341.6036,
365.0776, 212.9941

■ 0.1774, 0.2896,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7621, 61.4419,
19.2237

■ 56.7621, 61.4419,
19.2237

■ 54.8636, 59.0424,
14.2831

■ 59.0014, 64.0287,
25.8035

■ 53.2725, 56.8096,
10.8261


■ 61.6027, 66.8046,
34.1517


■ 51.9559, 54.7321,
8.6740


■ 64.5903, 69.7820,
44.3888

■ 50.8563, 52.7866,
7.5257


■ 67.9849, 72.9697,
56.6237


 50.8288, 52.7369,
7.5003

 71.8060, 76.3757,
70.9568

 76.0715, 80.0076,
87.4821

 80.7984, 83.8726,
106.2876

 82.1106, 86.4204,
106.9608

 83.4056, 89.0105,
107.3925

Harmonies

Analogous

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



69.5253, 61.4419, 22.3295



56.7621, 61.4419, 19.2237



46.0418, 61.4419, 24.6844

Triad

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



56.7621, 61.4419, 19.2237



40.7402, 61.4419, 112.8711



82.6039, 61.4419, 101.6504

Complementary

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



56.7621, 61.4419, 19.2237



25.5346, 21.2896, 78.3644

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.



72.7895, 61.4419, 141.2077



56.7621, 61.4419, 19.2237



48.5274, 61.4419, 149.1372

Square

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



56.7621, 61.4419, 19.2237



37.6597, 61.4419, 71.7437



60.0664, 61.4419, 161.0079



85.6227, 61.4419, 62.2789

Rectangle

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



56.7621, 61.4419, 19.2237



41.1307, 61.4419, 34.1809



60.0664, 61.4419, 161.0079



79.9278, 61.4419, 115.7646

Sweetspot

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



56.7635, 61.4448, 19.2249



85.8246, 91.9956, 73.6200



40.2963, 26.1888, 20.8927



18.0869, 19.4323, 14.7150



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.



56.7635, 61.4448, 19.2249



68.0929, 73.1255, 16.5545



51.6872, 68.8377, 20.9195



15.3587, 16.3314, 15.2472



28.5817, 29.7376, 4.2335



2.1719, 2.3170, 0.3328

Inverse Universe

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



25.5346, 21.2896, 78.3644



25.8303, 18.8794, 96.8904



28.2341, 18.7002, 77.7223



13.8014, 14.3242, 18.1818



8.6475, 4.3571, 42.7684



0.7018, 0.4476, 3.1814

Previews

White Background



This preview shows how the XYZ color 56.7621, 61.4419, 19.2237 looks on a white background.

Color Contrast Check

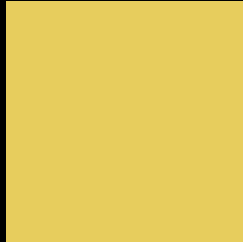
Large Text (above 18pt) WCAG AA × Fail

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 56.7621, 61.4419, 19.2237 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 56.7621, 61.4419, 19.2237

Background



This preview shows how black text looks on a background with the XYZ color 56.7621, 61.4419, 19.2237.

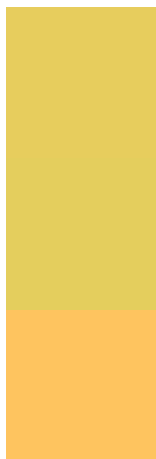


This preview shows how white text looks on a background with the XYZ color 56.7621, 61.4419,

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

56.7621, 61.4419, 19.2237

Protanopia

56.0420, 61.4269, 19.2588

Deuteranopia

62.6785, 61.3769, 19.3699



Tritanopia

66.7308, 61.3948, 68.0078

Trichromacy



Original Color

56.7621, 61.4419, 19.2237

Protanomaly

56.3602, 61.5909, 19.2737

Deuteranomaly

60.4498, 61.2478, 19.2256

Tritanomaly

61.7742, 60.6902, 44.5349

Monochromacy



Original Color

56.7621, 61.4419, 19.2237

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.4175, 58.6632, 42.1732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7621, 61.4419, 19.2237 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(231, 205, 93)` looks like.

```
.text, #text, p{  
    color:rgb(231, 205, 93)  
}
```

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(231, 205, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 205, 93) }
```

Border

The CSS property to change the border of an element to XYZ 56.7621, 61.4419, 19.2237 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(231, 205, 93) }
```


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

```
.border{ border-color:rgb(231, 205, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 205, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 205, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 205, 93);  
box-shadow:4px 4px 4px 4px rgb(231, 205,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7621, 61.4419, 19.2237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 205, 93) }
```

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

```
.background{ background-color: rgb(231,  
205, 93) }
```

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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