

Converting Colors

XYZ(62.1599, 66.2827, 30.9668)

Have a look what the booklet for
XYZ(62.1599, 66.2827, 30.9668)
contains.

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Color

**XYZ(61.9831, 66.0601,
30.9567)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD383
RGB	236, 211, 131
RGB Percent	93%, 83%, 51%
CMY	0.0745, 0.1725, 0.4863
CMYK	0.00, 0.11, 0.44, 0.07
HSL	46°, 73%, 72%
HSV	46°, 44%, 93%
XYZ	61.9831, 66.0601, 30.9567
YIQ	209.3550, 40.5800, -19.5800

Conversions

Conversions Part 2

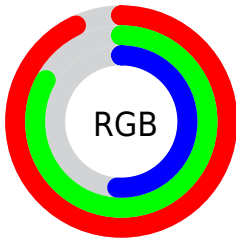
Format	Color
RYB	164, 236, 131
Decimal	15520643
CIELab	85.03, -1.87, 42.67
CIELCh	85, 42.715, 92.508
Yxy	66.0601, 0.3898, 0.4155
Android (android.graphics.Color)	4293710723 (0xFFECD383)
YUV	209.3550, -38.6290, 23.3677
Hunter-Lab	81.2774, -6.1091, 34.3119

Details

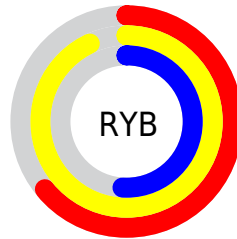
The XYZ color **61.9831, 66.0601, 30.9567** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **36.3885, 34.6572, 84.1284**, and the grayscale version is **61.0636, 64.2437, 69.9614**.

A 20% lighter version of the original color is **85.7570, 96.2828, 59.9635**, and **31.8650, 34.1581, 12.5031** is the 20% darker color. If you saturate the color by 10%, you get **59.1914, 62.7515, 23.0137**, and if you desaturate by 10%, it is **65.1911, 69.6181, 40.8372**.

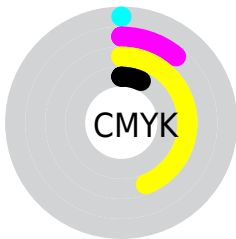
Distribution



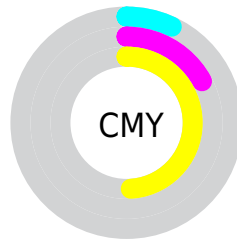
- Red (93%)
- Green (83%)
- Blue (51%)



- Red (64%)
- Yellow (93%)
- Blue (51%)



- Cyan (0%)
- Magenta (11%)
- Yellow (44%)
- Black (7%)



- Cyan (7%)
- Magenta (17%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9831, 66.0601, 30.9567 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 61.9831, 66.0601, 30.9567 by changing the saturation by 10% instead.

61.9831, 66.0601,
30.9567

61.9831, 66.0601,
30.9567

421.5880,
446.5918, 320.6838

45.2746, 48.3212,
20.3077

106.7912,
113.5726, 62.2507

31.8760, 34.0813,
12.4326

135.6215,
144.1150, 83.7327

21.4219, 22.9561,
6.9129

169.2231,
179.6939, 109.6628

13.5469, 14.5611,
3.3301

207.9613,
220.6939, 140.4596

7.8858, 8.5119,
1.2655

252.2016,
267.4993, 176.5416

4.0732, 4.4242,
0.0333

302.3092,

1.7436, 1.9136,

320.4945, 218.3272

0.0000

358.6495,
380.0638, 266.2351

■ 0.4833, 0.5565,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9831, 66.0601,
30.9567

■ 61.9831, 66.0601,
30.9567

■ 59.1914, 62.7515,
23.0137

■ 65.1911, 69.6181,
40.8372

■ 56.7857, 59.6722,
16.8719


■ 68.8338, 73.4264,
52.7708


■ 54.7388, 56.8129,
12.3840


■ 72.9341, 77.4973,
66.8688


■ 53.0175, 54.1594,
9.3772


■ 77.5118, 81.8395,
83.2335


 51.5811, 51.6948,
7.6403

 82.5856, 86.4612,
101.9603

 50.8774, 50.4036,
7.0473

 85.2076, 90.1840,
107.5241

 86.9305, 93.6297,
108.0984

 88.4020, 96.5729,
108.5889

Harmonies

Analogous

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



71.7095, 66.0601, 34.4584



61.9831, 66.0601, 30.9567



53.3727, 66.0601, 35.8956

Triad

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



61.9831, 66.0601, 30.9567



48.4598, 66.0601, 104.2787



80.6460, 66.0601, 99.2252

Complementary

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



61.9831, 66.0601, 30.9567



36.3885, 34.6572, 84.1284

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.



73.2505, 66.0601, 126.4181



61.9831, 66.0601, 30.9567



54.6392, 66.0601, 129.8204

Square

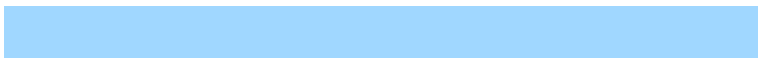
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.9831, 66.0601, 30.9567



46.0789, 66.0601, 74.2687



63.6001, 66.0601, 138.8029



83.1152, 66.0601, 69.6375

Rectangle

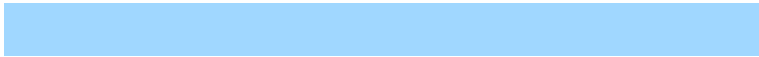
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.9831, 66.0601, 30.9567



49.2394, 66.0601, 44.2888



63.6001, 66.0601, 138.8029



78.6189, 66.0601, 109.1821

Sweetspot

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



61.9847, 66.0632, 30.9580



87.6988, 93.1141, 82.3525



48.8160, 36.5090, 36.4851



18.5250, 19.6919, 16.7621



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.



61.9847, 66.0632, 30.9580



70.9630, 75.2963, 28.5151



60.5997, 75.2947, 32.8129



16.0305, 16.9839, 15.9520



28.1495, 27.9932, 3.9196



2.2834, 2.3442, 0.3321

Inverse Universe

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



36.3885, 34.6572, 84.1284



37.0066, 33.6657, 99.1554



37.2107, 29.4828, 83.0863



14.5223, 15.1310, 19.0774



9.2130, 5.0731, 44.2366



0.7960, 0.5436, 3.4978

Previews

White Background



This preview shows how the XYZ color 61.9831, 66.0601, 30.9567 looks on a white background.

Color Contrast Check

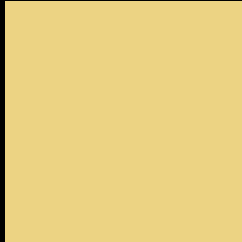
Large Text (above 18pt) WCAG AA × Fail

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 61.9831, 66.0601, 30.9567 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 61.9831, 66.0601, 30.9567

Background



This preview shows how black text looks on a background with the XYZ color 61.9831, 66.0601, 30.9567.



This preview shows how white text looks on a background with the XYZ color 61.9831, 66.0601,

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

61.9831, 66.0601, 30.9567

Protanopia

60.9871, 65.9087, 31.3371

Deuteranopia

67.1113, 65.7780, 32.8262



Tritanopia

70.9375, 66.1436, 73.9939

Trichromacy



Original Color

61.9831, 66.0601, 30.9567

Protanomaly

61.3126, 66.0765, 31.3523

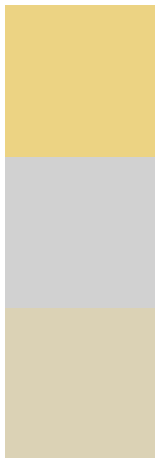
Deuteranomaly

65.1559, 65.8483, 32.1976

Tritanomaly

67.2062, 66.0427, 55.1043

Monochromacy



Original Color

61.9831, 66.0601, 30.9567

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.6005, 64.4895, 52.9698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9831, 66.0601, 30.9567 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(236, 211, 131)` looks like.

```
.text, #text, p{  
    color:rgb(236, 211, 131)  
}
```

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(236, 211, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 211, 131) }
```

Border

The CSS property to change the border of an element to XYZ 61.9831, 66.0601, 30.9567 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(236, 211, 131) }
```


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

```
.border{ border-color:rgb(236, 211, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 211, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 211, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 211, 131);  
box-shadow:4px 4px 4px 4px rgb(236, 211,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9831, 66.0601, 30.9567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 211, 131) }
```

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

```
.background{ background-color: rgb(236,  
211, 131) }
```

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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