

Converting Colors

XYZ(66.3578, 62.6940, 37.4379)

Have a look what the booklet for
XYZ(66.3578, 62.6940, 37.4379)
contains.

XYZ(66.2601, 62.4922, 37.4241)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(66.2601, 62.4922,
37.4241)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC396
RGB	255, 195, 150
RGB Percent	100%, 76%, 59%
CMY	0.0000, 0.2353, 0.4118
CMYK	0.00, 0.24, 0.41, 0.00
HSL	26°, 100%, 79%
HSV	26°, 41%, 100%
XYZ	66.2601, 62.4922, 37.4241
YIQ	207.8100, 50.2050, -1.2750

Conversions

Conversions Part 2

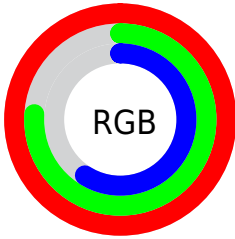
Format	Color
R_{YB}	255, 229, 150
Decimal	16761750
CIE _{Lab}	83.17, 15.87, 30.89
CIE _{LCh}	83, 34.731, 62.813
Yxy	62.4922, 0.3987, 0.3761
Android (android.graphics.Color)	4294951830 (0xFFFFC396)
YUV	207.8100, -28.5003, 41.3856
Hunter-Lab	79.0520, 11.2748, 27.2679

Details

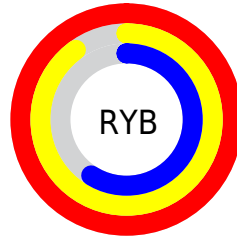
The XYZ color **66.2601, 62.4922, 37.4241** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.6734, 59.7949, 103.3203**, and the grayscale version is **59.9885, 63.1125, 68.7296**.

A 20% lighter version of the original color is **86.9495, 95.2404, 70.9273**, and **34.5420, 31.6864, 16.0999** is the 20% darker color. If you saturate the color by 10%, you get **61.3194, 55.5470, 26.7254**, and if you desaturate by 10%, it is **71.9694, 70.2593, 50.5845**.

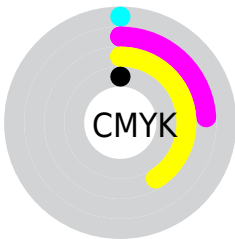
Distribution



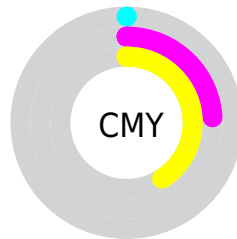
- Red (100%)
- Green (76%)
- Blue (59%)



- Red (100%)
- Yellow (90%)
- Blue (59%)



- Cyan (0%)
- Magenta (24%)
- Yellow (41%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.2601, 62.4922, 37.4241 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 66.2601, 62.4922, 37.4241 by changing the saturation by 10% instead.


 66.2601, 62.4922,
37.4241


 66.2601, 62.4922,
37.4241

436.7805,
433.7242, 350.3668

 48.7521, 45.4305,
25.2377


 112.9152,
108.4366, 72.4182

 34.6366, 31.7967,
16.0336


 142.7930,
138.0881, 96.0629

 23.5483, 21.2062,
9.3933


177.5248,
172.7050, 124.3641

 15.1218, 13.2748,
4.8983

217.4759,
212.6717, 157.7404

 8.9918, 7.6181,
2.1300

263.0116,
258.3725, 196.6103

 4.7929, 3.8516,
0.6336

314.4974,

 2.1598, 1.5909,

310.1920, 241.3923

0.0000

372.2986,
368.5144, 292.5050

0.7214, 0.3514,
0.0000

0.0000, 0.0000,
0.0000

66.2601, 62.4922,
37.4241

66.2601, 62.4922,
37.4241

61.3194, 55.5470,
26.7254

71.9694, 70.2593,
50.5845

57.1041, 49.3848,
18.3273

78.4778, 78.8673,
66.3461

53.5736, 43.9764,
12.0556

85.8200, 88.3458,
84.8423

50.6803, 39.2870,
7.7085

94.0268, 98.7201,
106.1961

■ 48.3684, 35.2773, 95.0499, 100.0000,
5.0446 108.9000

■ 46.7405, 32.2612,
3.7635

Harmonies

Analogous

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



72.4141, 62.4922, 47.9572



66.2601, 62.4922, 37.4241



58.6892, 62.4922, 34.4644

Triad

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



66.2601, 62.4922, 37.4241



46.0787, 62.4922, 70.0989



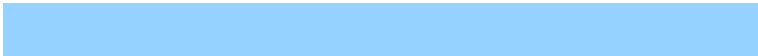
67.5928, 62.4922, 109.1769

Complementary

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



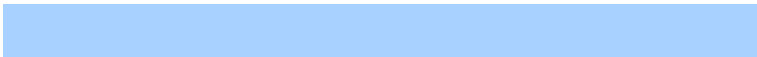
66.2601, 62.4922, 37.4241



53.6734, 59.7949, 103.3203

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.



60.1104, 62.4922, 118.4251



66.2601, 62.4922, 37.4241



48.0415, 62.4922, 93.0759

Square

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



66.2601, 62.4922, 37.4241



47.4272, 62.4922, 50.8034



53.0249, 62.4922, 111.9900



73.2281, 62.4922, 88.7994

Rectangle

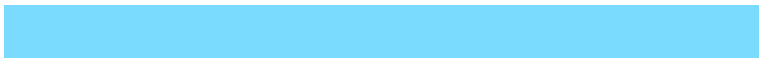
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.2601, 62.4922, 37.4241



53.9586, 62.4922, 36.5337



53.0249, 62.4922, 111.9900



65.1890, 62.4922, 113.8642

Sweetspot

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



66.2617, 62.4952, 37.4253



85.1827, 87.5311, 83.2114



63.9359, 47.7890, 67.6473



18.0189, 18.4615, 17.2659



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.



66.2617, 62.4952, 37.4253



62.3315, 56.9908, 28.8518



79.7769, 89.5257, 41.9304



18.6496, 19.2673, 18.8804



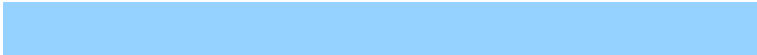
24.5642, 17.1395, 2.0136



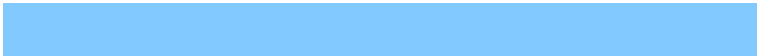
2.4976, 1.8805, 0.2313

Inverse Universe

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



53.6734, 59.7949, 103.3203



48.2537, 53.9501, 102.4779



42.9835, 38.4151, 99.7570



17.8647, 19.1010, 22.9952



14.9296, 14.7688, 51.4984



1.5621, 1.6550, 5.0504

Previews

White Background



This preview shows how the XYZ color 66.2601, 62.4922, 37.4241 looks on a white background.

Color Contrast Check

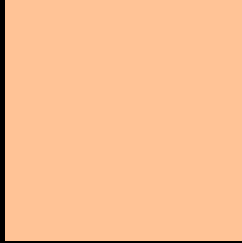
Large Text (above 18pt) WCAG AA × Fail

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 66.2601, 62.4922, 37.4241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

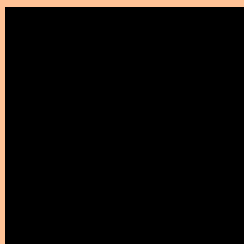
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.2601, 62.4922, 37.4241

Background



This preview shows how black text looks on a background with the XYZ color 66.2601, 62.4922, 37.4241.



This preview shows how white text looks on a background with the XYZ color 66.2601, 62.4922,

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

66.2601, 62.4922, 37.4241

Protanopia

58.3534, 62.5218, 40.0027

Deuteranopia

63.8543, 62.6096, 37.1531



Tritanopia

70.4329, 62.3987, 64.8318

Trichromacy



Original Color

66.2601, 62.4922, 37.4241

Protanomaly

61.0374, 62.5042, 38.9845

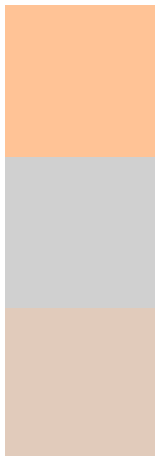
Deuteranomaly

64.6858, 62.6978, 37.1264

Tritanomaly

68.7414, 62.4200, 53.7726

Monochromacy



Original Color

66.2601, 62.4922, 37.4241

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.3769, 62.3073, 55.8053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2601, 62.4922, 37.4241 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(255, 195, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 150)  
}
```

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(255, 195, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 150) }
```

Border

The CSS property to change the border of an element to XYZ 66.2601, 62.4922, 37.4241 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(255, 195, 150) }
```


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

```
.border{ border-color:rgb(255, 195, 150) }
```

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

Here you see how a box with a 4 pixel rgb(255, 195, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2601, 62.4922, 37.4241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 150) }
```

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

```
.background{ background-color: rgb(255,  
195, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor