

Converting Colors

XYZ(74.7512, 67.1622, 36.7137)

Have a look what the booklet for
XYZ(74.7512, 67.1622, 36.7137)
contains.

XYZ(66.2464, 62.8464, 36.2428)	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(66.2464, 62.8464,
36.2428)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC493
RGB	255, 196, 147
RGB Percent	100%, 77%, 58%
CMY	0.0000, 0.2313, 0.4235
CMYK	0.00, 0.23, 0.42, 0.00
HSL	27°, 100%, 79%
HSV	27°, 42%, 100%
XYZ	66.2464, 62.8464, 36.2428
YIQ	208.0550, 50.8930, -2.7310

Conversions

Conversions Part 2

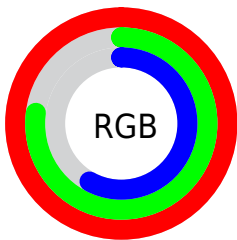
Format	Color
R _Y B	255, 237, 147
Decimal	16762003
CIE Lab	83.36, 15.03, 32.71
CIE LCh	83, 35.995, 65.317
Yxy	62.8464, 0.4007, 0.3801
Android (android.graphics.Color)	4294952083 (0xFFFFC493)
YUV	208.0550, -30.1001, 41.1708
Hunter-Lab	79.2757, 10.4302, 28.3872

Details

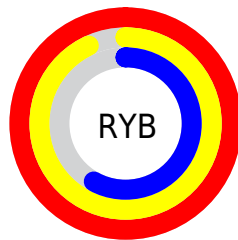
The XYZ color **66.2464, 62.8464, 36.2428** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.1531, 57.5636, 102.9698**, and the grayscale version is **60.1572, 63.2900, 68.9228**.

A 20% lighter version of the original color is **86.9079, 95.7276, 69.1551**, and **34.5493, 31.9263, 15.4078** is the 20% darker color. If you saturate the color by 10%, you get **61.4658, 56.1403, 25.8475**, and if you desaturate by 10%, it is **71.7654, 70.3193, 49.0735**.

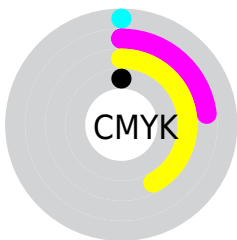
Distribution



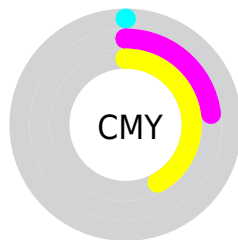
- Red (100%)
- Green (77%)
- Blue (58%)



- Red (100%)
- Yellow (93%)
- Blue (58%)



- Cyan (0%)
- Magenta (23%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.2464, 62.8464, 36.2428 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 66.2464, 62.8464, 36.2428 by changing the saturation by 10% instead.

 66.2464, 62.8464,
36.2428

 66.2464, 62.8464,
36.2428


436.7323,
435.0118, 345.0900

 48.7409, 45.7170,
24.3306


 112.8957,
108.9479, 70.5799

 34.6277, 32.0225,
15.3646


 142.7702,
138.6887, 93.8419

 23.5414, 21.3787,
8.9262


177.4984,
173.4021, 121.7242

 15.1167, 13.4011,
4.5969

217.4456,
213.4725, 154.6455

 8.9881, 7.7053,
1.9582

262.9773,
259.2843, 193.0241

 4.7905, 3.9070,
0.5294

314.4587,

 2.1584, 1.6217,

311.2219, 237.2787

0.0000

372.2553,
369.6696, 287.8278

■ 0.7207, 0.3721,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.2464, 62.8464,
36.2428

■ 66.2464, 62.8464,
36.2428

■ 61.4658, 56.1403,
25.8475

■ 71.7654, 70.3193,
49.0735

■ 57.3813, 50.1645,
17.7252

■ 78.0526, 78.5761,
64.4801

■ 53.9531, 44.8920,
11.6992

■ 85.1417, 87.6441,
82.5969

■ 51.1341, 40.2903,
7.5646

■ 93.0628, 97.5469,
103.5476

■ 48.8688, 36.3227, 95.0500, 100.0000,
5.0741 108.9000

■ 47.4517, 33.6834,
4.0006

Harmonies

Analogous

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



72.8849, 62.8464, 46.3998



66.2464, 62.8464, 36.2428



58.3488, 62.8464, 33.8396

Triad

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



66.2464, 62.8464, 36.2428



45.9573, 62.8464, 72.5043



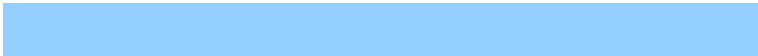
68.8702, 62.8464, 110.0036

Complementary

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



66.2464, 62.8464, 36.2428



52.1531, 57.5636, 102.9698

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.



61.1401, 62.8464, 120.9888



66.2464, 62.8464, 36.2428



48.2678, 62.8464, 96.5160

Square

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



66.2464, 62.8464, 36.2428



47.0672, 62.8464, 51.9508



53.6623, 62.8464, 115.5802



74.4902, 62.8464, 88.0683

Rectangle

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



66.2464, 62.8464, 36.2428



53.5219, 62.8464, 36.3750



53.6623, 62.8464, 115.5802



66.4083, 62.8464, 115.2945

Sweetspot

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



66.2480, 62.8494, 36.2441



84.6576, 87.0317, 81.3387



62.8633, 46.6038, 64.3303



17.7727, 18.1873, 16.5113



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.



66.2480, 62.8494, 36.2441



62.0708, 57.0041, 27.1167



80.5680, 91.4895, 41.0174



18.6882, 19.3447, 18.8932



24.9392, 17.8897, 2.1386



2.5357, 1.9568, 0.2440

Inverse Universe

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



52.1531, 57.5636, 102.9698



46.2377, 51.0512, 102.0246



41.3765, 36.0103, 99.3776



17.8254, 19.0224, 22.9821



14.4292, 13.7680, 51.3316



1.5142, 1.5590, 5.0344

Previews

White Background



This preview shows how the XYZ color 66.2464, 62.8464, 36.2428 looks on a white background.

Color Contrast Check

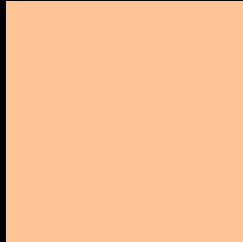
Large Text (above 18pt) WCAG AA × Fail

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 66.2464, 62.8464, 36.2428 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 66.2464, 62.8464, 36.2428

Background



This preview shows how black text looks on a background with the XYZ color 66.2464, 62.8464, 36.2428.



This preview shows how white text looks on a background with the XYZ color 66.2464, 62.8464,

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

66.2464, 62.8464, 36.2428

Protanopia

58.6548, 63.0667, 38.7874

Deuteranopia

64.3231, 62.8786, 35.9407



Tritanopia

70.7699, 62.8812, 65.5341

Trichromacy



Original Color

66.2464, 62.8464, 36.2428

Protanomaly

61.3588, 63.0499, 37.7901

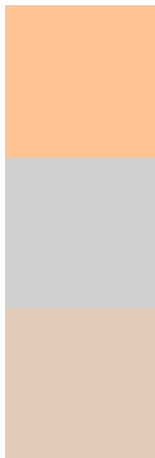
Deuteranomaly

65.1661, 62.9727, 35.9145

Tritanomaly

68.8572, 62.8188, 53.2958

Monochromacy



Original Color

66.2464, 62.8464, 36.2428

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.5071, 62.7385, 55.3223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2464, 62.8464, 36.2428 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, 196, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 147)  
}
```

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, 196, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 147) }
```

Border

The CSS property to change the border of an element to XYZ 66.2464, 62.8464, 36.2428 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, 196, 147) }
```


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

```
.border{ border-color:rgb(255, 196, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2464, 62.8464, 36.2428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 147) }
```

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

```
.background{ background-color: rgb(255,  
196, 147) }
```

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