

Converting Colors

XYZ(66.8169, 68.1135, 37.7309)

Have a look what the booklet for
XYZ(66.8169, 68.1135, 37.7309)
contains.

XYZ(66.7497, 68.0055, 37.6253)	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(66.7497, 68.0055,
37.6253)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D294
RGB	247, 210, 148
RGB Percent	97%, 82%, 58%
CMY	0.0314, 0.1764, 0.4196
CMYK	0.00, 0.15, 0.40, 0.03
HSL	38°, 86%, 77%
HSV	38°, 40%, 97%
XYZ	66.7497, 68.0055, 37.6253
YIQ	213.9950, 41.9540, -11.4380

Conversions

Conversions Part 2

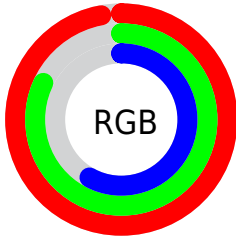
Format	Color
R _Y B	207, 247, 148
Decimal	16241300
CIE Lab	86.01, 4.74, 35.53
CIE LCh	86, 35.846, 82.403
Yxy	68.0055, 0.3872, 0.3945
Android (android.graphics.Color)	4294431380 (0xFFFF7D294)
YUV	213.9950, -32.5355, 28.9454
Hunter-Lab	82.4654, 0.1681, 30.6744

Details

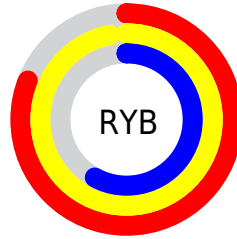
The XYZ color **66.7497, 68.0055, 37.6253** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.3497, 47.7076, 94.7613**, and the grayscale version is **64.1069, 67.4455, 73.4481**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **34.9861, 35.4403, 16.0630** is the 20% darker color. If you saturate the color by 10%, you get **62.7864, 62.8809, 27.6663**, and if you desaturate by 10%, it is **71.2650, 73.5662, 49.8279**.

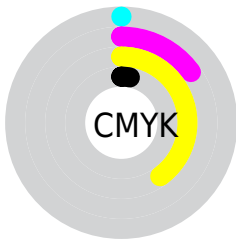
Distribution



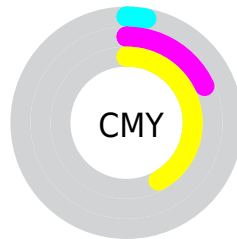
- Red (97%)
- Green (82%)
- Blue (58%)



- Red (81%)
- Yellow (97%)
- Blue (58%)



- Cyan (0%)
- Magenta (15%)
- Yellow (40%)
- Black (3%)




- Cyan (3%)
- Magenta (18%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.7497, 68.0055, 37.6253 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 66.7497, 68.0055, 37.6253 by changing the saturation by 10% instead.


 66.7497, 68.0055,
37.6253


 66.7497, 68.0055,
37.6253


438.4998,
453.5155, 351.2597

 49.1512, 49.9022,
25.3924


 113.6135,
116.3600, 72.7305

 34.9545, 35.3357,
16.1480


 143.6094,
147.3800, 96.4399

 23.7941, 23.9216,
9.4734


178.4686,
183.4744, 124.8119

 15.3049, 15.2755,
4.9503

218.5563,
225.0275, 158.2650

 9.1214, 9.0129,
2.1599

264.2379,
272.4238, 197.2179

 4.8782, 4.7496,
0.6511

315.8788,

 2.2100, 2.1011,

326.0476, 242.0889

0.0000

373.8443,
386.2834, 293.2967

■ 0.7480, 0.6653,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.7497, 68.0055,
37.6253

■ 66.7497, 68.0055,
37.6253

■ 62.7864, 62.8809,
27.6663

■ 71.2650, 73.5662,
49.8279

■ 59.3411, 58.1679,
19.8048

■ 76.3538, 79.5675,
64.3990

■ 56.3834, 53.8530,
13.8842

■ 82.0424, 86.0258,
81.4596

■ 53.8766, 49.9180,
9.7237

■ 88.3539, 92.9536,
101.1208

■ 51.7778, 46.3419,
7.1077

■ 92.1678, 98.5141,
108.7651

■ 50.0294, 43.1174,
5.6857

Harmonies

Analogous

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



74.7696, 68.0055, 43.6557



66.7497, 68.0055, 37.6253



58.7976, 68.0055, 39.5811

Triad

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



66.7497, 68.0055, 37.6253



51.0958, 68.0055, 92.6763



77.9890, 68.0055, 105.2451

Complementary

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



66.7497, 68.0055, 37.6253



46.3497, 47.7076, 94.7613

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.



70.8512, 68.0055, 124.2857



66.7497, 68.0055, 37.6253



55.4642, 68.0055, 116.0225

Square

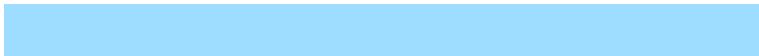
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.7497, 68.0055, 37.6253



50.1997, 68.0055, 68.2209



62.5697, 68.0055, 128.5995



81.6071, 68.0055, 80.1945

Rectangle

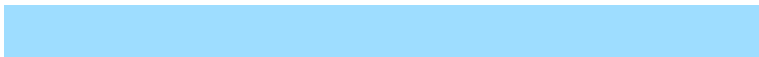
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.7497, 68.0055, 37.6253



54.5522, 68.0055, 45.3941



62.5697, 68.0055, 128.5995



75.8942, 68.0055, 112.7613

Sweetspot

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



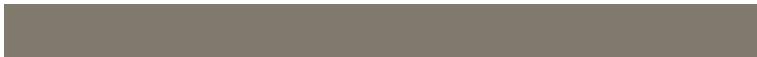
66.7514, 68.0087, 37.6267



86.9689, 91.1037, 83.8068



57.8058, 44.4977, 51.9695



18.4392, 19.3021, 17.4060



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.



66.7514, 68.0087, 37.6267



68.3107, 68.6718, 31.7003



73.0160, 86.3986, 40.8461



17.3640, 18.2121, 17.3977



26.5997, 23.0850, 3.0539



2.4363, 2.2258, 0.3012

Inverse Universe

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



46.3497, 47.7076, 94.7613



43.6477, 44.1497, 100.8290



41.7865, 35.3234, 92.6114



16.0885, 16.9412, 20.9646



11.0417, 7.8771, 47.4765



1.0657, 0.8828, 4.2045

Previews

White Background



This preview shows how the XYZ color 66.7497, 68.0055, 37.6253 looks on a white background.

Color Contrast Check

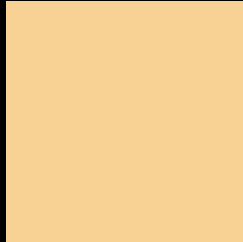
Large Text (above 18pt) WCAG AA × Fail

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 66.7497, 68.0055, 37.6253 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 66.7497, 68.0055, 37.6253

Background



This preview shows how black text looks on a background with the XYZ color 66.7497, 68.0055, 37.6253.



This preview shows how white text looks on a background with the XYZ color 66.7497, 68.0055,

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

66.7497, 68.0055, 37.6253

Protanopia

63.0842, 67.9587, 38.6466

Deuteranopia

69.3026, 68.1856, 39.6455



Tritanopia

74.2841, 67.8539, 74.8276

Trichromacy



Original Color

66.7497, 68.0055, 37.6253

Protanomaly

64.1441, 67.7630, 38.1326

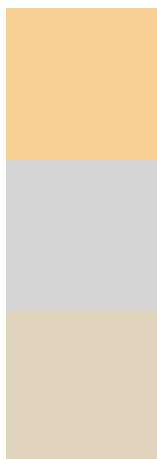
Deuteranomaly

68.2867, 68.0416, 38.8124

Tritanomaly

70.8910, 67.5007, 59.1618

Monochromacy



Original Color

66.7497, 68.0055, 37.6253

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.4525, 67.4750, 58.3422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7497, 68.0055, 37.6253 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(247, 210, 148)` looks like.

```
.text, #text, p{  
    color:rgb(247, 210, 148)  
}
```

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(247, 210, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 210, 148) }
```

Border

The CSS property to change the border of an element to XYZ 66.7497, 68.0055, 37.6253 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(247, 210, 148) }
```


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

```
.border{ border-color:rgb(247, 210, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 210, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 210, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 210, 148); box-shadow:4px 4px 4px 4px rgb(247, 210, 148) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7497, 68.0055, 37.6253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 210, 148) }
```

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

```
.background{ background-color: rgb(247,  
210, 148) }
```

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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