

Converting Colors

XYZ(74.5778, 66.3915, 36.4291)

Have a look what the booklet for
XYZ(74.5778, 66.3915, 36.4291)
contains.

XYZ(65.7982, 61.9502, 36.0934)	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(65.7982, 61.9502,
36.0934)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC293
RGB	255, 194, 147
RGB Percent	100%, 76%, 58%
CMY	0.0000, 0.2392, 0.4235
CMYK	0.00, 0.24, 0.42, 0.00
HSL	26°, 100%, 79%
HSV	26°, 42%, 100%
XYZ	65.7982, 61.9502, 36.0934
YIQ	206.8810, 51.4430, -1.6850

Conversions

Conversions Part 2

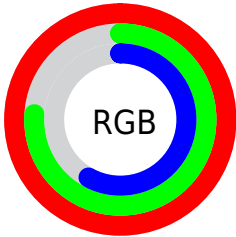
Format	Color
RYB	255, 230, 147
Decimal	16761491
CIELab	82.89, 16.08, 32.08
CIELCh	83, 35.881, 63.384
Yxy	61.9502, 0.4016, 0.3781
Android (android.graphics.Color)	4294951571 (0xFFFFC293)
YUV	206.8810, -29.5213, 42.2004
Hunter-Lab	78.7084, 11.4815, 27.9072

Details

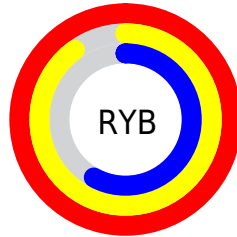
The XYZ color **65.7982, 61.9502, 36.0934** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.6374, 58.5323, 103.1310**, and the grayscale version is **59.3938, 62.4869, 68.0483**.

A 20% lighter version of the original color is **86.2798, 94.4714, 68.9457**, and **34.2544, 31.3365, 15.3095** is the 20% darker color. If you saturate the color by 10%, you get **60.9636, 55.1362, 25.6801**, and if you desaturate by 10%, it is **71.3901, 69.5688, 48.9483**.

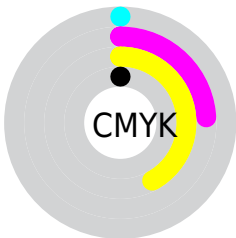
Distribution



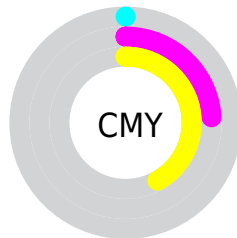
- Red (100%)
- Green (76%)
- Blue (58%)



- Red (100%)
- Yellow (90%)
- Blue (58%)



- Cyan (0%)
- Magenta (24%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7982, 61.9502, 36.0934 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 65.7982, 61.9502, 36.0934 by changing the saturation by 10% instead.


 65.7982, 61.9502,
36.0934

 65.7982, 61.9502,
36.0934


435.1548,
431.7494, 344.4183

 48.3757, 44.9925,
24.2161


 112.2560,
107.6536, 70.3469

 34.3370, 31.4515,
15.2803


 142.0220,
137.1680, 93.5601

 23.3167, 20.9429,
8.8675


176.6332,
171.6367, 121.3890

 14.9495, 13.0823,
4.5593

216.4550,
211.4442, 154.2522

 8.8701, 7.4852,
1.9369

261.8527,
256.9748, 192.5682

 4.7130, 3.7674,
0.5161

313.1916,

 2.1129, 1.5443,

308.6130, 236.7555

0.0000

370.8373,
366.7430, 287.2327

0.6962, 0.3196,
0.0000

0.0000, 0.0000,
0.0000

65.7982, 61.9502,
36.0934

65.7982, 61.9502,
36.0934

60.9636, 55.1362,
25.6801

71.3901, 69.5688,
48.9483

56.8432, 49.0884,
17.5458

77.7699, 78.0108,
64.3858

53.3961, 43.7783,
11.5135

84.9722, 87.3053,
82.5403

50.5743, 39.1710,
7.3780

93.0277, 97.4770,
103.5357

■ 48.3213, 35.2278, 95.0498, 99.9999,
4.8916 108.9000

■ 46.9228, 32.6258,
3.8243

Harmonies

Analogous

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



72.1917, 61.9502, 46.6286



65.7982, 61.9502, 36.0934



58.0084, 61.9502, 33.2462

Triad

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



65.7982, 61.9502, 36.0934



45.2500, 61.9502, 69.9985



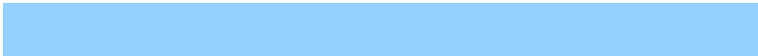
67.4490, 61.9502, 109.6287

Complementary

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



65.7982, 61.9502, 36.0934



52.6374, 58.5323, 103.1310

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.



59.7639, 61.9502, 119.5231



65.7982, 61.9502, 36.0934



47.3175, 61.9502, 93.7052

Square

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



65.7982, 61.9502, 36.0934



46.5628, 61.9502, 50.1162



52.4679, 61.9502, 113.1405



73.2019, 61.9502, 88.3881

Rectangle

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



65.7982, 61.9502, 36.0934



53.1749, 61.9502, 35.4285



52.4679, 61.9502, 113.1405



64.9831, 61.9502, 114.5796

Sweetspot

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



65.7997, 61.9532, 36.0946



84.4803, 86.6771, 81.2796



63.0837, 46.6919, 65.4915



17.7291, 18.1001, 16.4968



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.



65.7997, 61.9532, 36.0946



61.5750, 56.0125, 26.9514



80.0123, 90.3783, 40.8322



18.6597, 19.2876, 18.8837



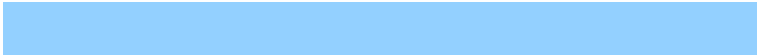
24.6604, 17.3321, 2.0457



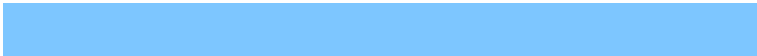
2.5074, 1.9002, 0.2346

Inverse Universe

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



52.6374, 58.5323, 103.1310



46.7851, 52.1461, 102.2071



41.6718, 36.6010, 99.4758



17.8543, 19.0802, 22.9918



14.7952, 14.4999, 51.4536



1.5493, 1.6293, 5.0461

Previews

White Background



This preview shows how the XYZ color 65.7982, 61.9502, 36.0934 looks on a white background.

Color Contrast Check

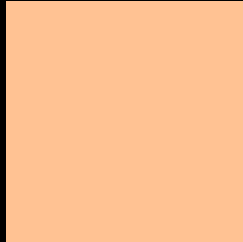
Large Text (above 18pt) WCAG AA × Fail

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 65.7982, 61.9502, 36.0934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

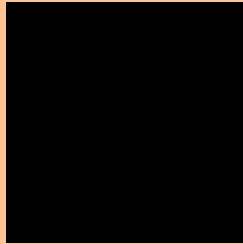
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7982, 61.9502, 36.0934

Background



This preview shows how black text looks on a background with the XYZ color 65.7982, 61.9502, 36.0934.



This preview shows how white text looks on a background with the XYZ color 65.7982, 61.9502,

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

65.7982, 61.9502, 36.0934

Protanopia

57.8630, 61.9392, 38.6115

Deuteranopia

63.3884, 62.0563, 35.8313



Tritanopia

70.0983, 61.9195, 64.1342

Trichromacy



Original Color

65.7982, 61.9502, 36.0934

Protanomaly

60.5572, 61.9355, 37.6172

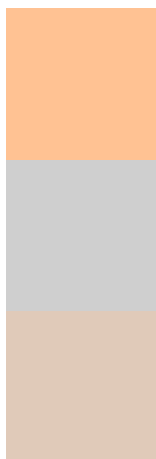
Deuteranomaly

64.2215, 62.1476, 35.8050

Tritanomaly

68.3143, 61.8990, 52.6031

Monochromacy



Original Color

65.7982, 61.9502, 36.0934

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.6180, 61.5911, 54.5923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7982, 61.9502, 36.0934 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, 194, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 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, 194, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 147) }
```

Border

The CSS property to change the border of an element to XYZ 65.7982, 61.9502, 36.0934 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, 194, 147) }
```


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

```
.border{ border-color:rgb(255, 194, 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, 194, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7982, 61.9502, 36.0934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 147) }
```

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

```
.background{ background-color: rgb(255,  
194, 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](#).

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