

Converting Colors

XYZ(60.8938, 58.6085, 37.1151)

Have a look what the booklet for
XYZ(60.8938, 58.6085, 37.1151)
contains.

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Color

**XYZ(60.9726, 58.7785,
36.9859)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C096
RGB	242, 192, 150
RGB Percent	95%, 75%, 59%
CMY	0.0510, 0.2470, 0.4118
CMYK	0.00, 0.21, 0.38, 0.05
HSL	27°, 78%, 77%
HSV	27°, 38%, 95%
XYZ	60.9726, 58.7785, 36.9859
YIQ	202.1620, 43.2820, -2.4620

Conversions

Conversions Part 2

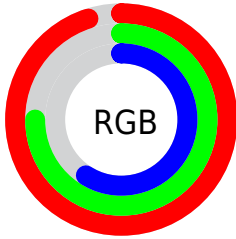
Format	Color
R_{YB}	242, 227, 150
Decimal	15909014
CIE _{Lab}	81.17, 12.39, 27.99
CIE _{LCh}	81, 30.606, 66.123
Yxy	58.7785, 0.3890, 0.3750
Android (android.graphics.Color)	4294099094 (0xFFFF2C096)
YUV	202.1620, -25.7159, 34.9379
Hunter-Lab	76.6671, 7.7918, 25.0642

Details

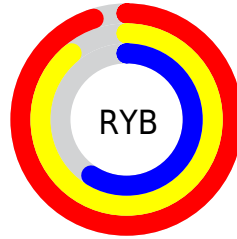
The XYZ color **60.9726, 58.7785, 36.9859** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.2582, 54.2015, 91.8702**, and the grayscale version is **56.3780, 59.3140, 64.5930**.

A 20% lighter version of the original color is **85.7065, 92.7544, 70.5129**, and **31.2519, 29.5564, 15.8622** is the 20% darker color. If you saturate the color by 10%, you get **56.4622, 52.5607, 26.8410**, and if you desaturate by 10%, it is **66.1465, 65.6789, 49.3385**.

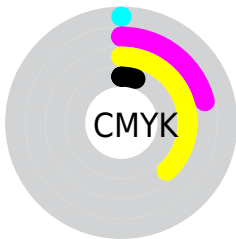
Distribution



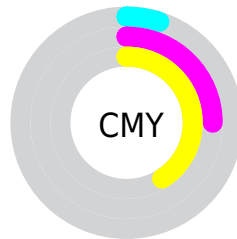
- Red (95%)
- Green (75%)
- Blue (59%)



- Red (95%)
- Yellow (89%)
- Blue (59%)



- Cyan (0%)
- Magenta (21%)
- Yellow (38%)
- Black (5%)





- Cyan (5%)
- Magenta (25%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9726, 58.7785, 36.9859 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 60.9726, 58.7785, 36.9859 by changing the saturation by 10% instead.


 60.9726, 58.7785,
36.9859


 60.9726, 58.7785,
36.9859


417.9511,
420.0806, 348.4163

 44.4555, 42.4348,
24.9009


 105.3376,
103.0557, 71.7372

 31.2282, 29.4419,
15.7849


 133.9162,
131.7580, 95.2405

 20.9254, 19.4154,
9.2193


167.2461,
165.3486, 123.3870

 13.1816, 11.9708,
4.7858

205.6925,
204.2120, 156.5953

 7.6316, 6.7238,
2.0656

249.6208,
248.7324, 195.2838

 3.9099, 3.2900,
0.5952

299.3965,

 1.6513, 1.2849,

299.2944, 239.8711

0.0000

355.3848,
356.2824, 290.7758

■ 0.4255, 0.1295,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.9726, 58.7785,
36.9859

■ 60.9726, 58.7785,
36.9859

■ 56.4622, 52.5607,
26.8410

■ 66.1465, 65.6789,
49.3385

■ 52.5791, 46.9938,
18.7665

■ 72.0087, 73.2756,
64.0176

■ 49.2901, 42.0554,
12.6154

■ 78.5880, 81.5923,
81.1376

■ 46.5563, 37.7183,
8.2191

■ 85.9102, 90.6491,
100.8043

■ 44.3329, 33.9522,
5.3793

■ 90.4280, 97.6172,
108.6837

■ 42.5607, 30.7207,
3.8244

■ 42.2471, 30.1356,
3.5901

Harmonies

Analogous

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



66.3553, 58.7785, 45.4691



60.9726, 58.7785, 36.9859



54.5710, 58.7785, 35.0759

Triad

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



60.9726, 58.7785, 36.9859



44.5532, 58.7785, 67.8146



63.4027, 58.7785, 96.7182

Complementary

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



60.9726, 58.7785, 36.9859



49.2582, 54.2015, 91.8702

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.



57.1838, 58.7785, 105.5932



60.9726, 58.7785, 36.9859



46.5469, 58.7785, 86.9843

Square

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



60.9726, 58.7785, 36.9859



45.3998, 58.7785, 50.8263



51.0551, 58.7785, 101.7294



67.8313, 58.7785, 79.2729

Rectangle

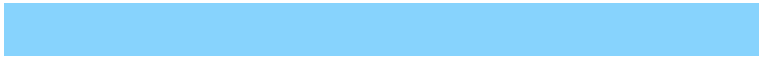
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.9726, 58.7785, 36.9859



50.6463, 58.7785, 37.3906



51.0551, 58.7785, 101.7294



61.4351, 58.7785, 100.9399

Sweetspot

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



60.9741, 58.7813, 36.9871



86.1868, 88.9805, 85.2693



58.0203, 44.8887, 60.6188



18.2288, 18.7698, 17.6795



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.



60.9741, 58.7813, 36.9871



64.4926, 60.4600, 32.2018



72.5233, 81.8796, 40.8368



16.3673, 16.9478, 16.5583



22.8284, 16.4550, 1.9729



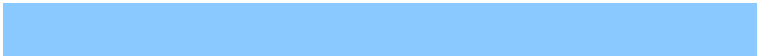
1.9974, 1.5654, 0.1969

Inverse Universe

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



49.2582, 54.2015, 91.8702



49.4718, 54.5780, 102.5349



40.2601, 36.2053, 88.8708



15.6090, 16.6522, 20.1131



13.1452, 12.5146, 46.8506



1.1929, 1.2398, 3.9307

Previews

White Background



This preview shows how the XYZ color 60.9726, 58.7785, 36.9859 looks on a white background.

Color Contrast Check

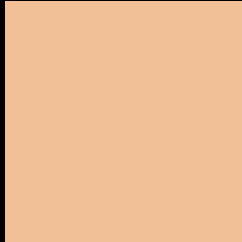
Large Text (above 18pt) WCAG AA × Fail

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 60.9726, 58.7785, 36.9859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

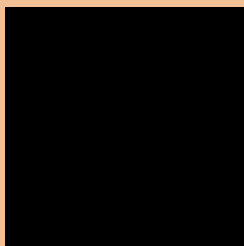
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9726, 58.7785, 36.9859

Background



This preview shows how black text looks on a background with the XYZ color 60.9726, 58.7785, 36.9859.



This preview shows how white text looks on a background with the XYZ color 60.9726, 58.7785,

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

60.9726, 58.7785, 36.9859

Protanopia

55.2722, 59.1731, 39.0802

Deuteranopia

60.0567, 58.9627, 37.0698



Tritanopia

66.1321, 58.6422, 62.4771

Trichromacy



Original Color

60.9726, 58.7785, 36.9859

Protanomaly

56.9952, 58.6956, 38.4624

Deuteranomaly

60.1716, 58.6927, 37.0116

Tritanomaly

64.0829, 58.7563, 52.2195

Monochromacy



Original Color

60.9726, 58.7785, 36.9859

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.3566, 58.5588, 53.0797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9726, 58.7785, 36.9859 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(242, 192, 150)` looks like.

```
.text, #text, p{  
    color:rgb(242, 192, 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(242, 192, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 192, 150) }
```

Border

The CSS property to change the border of an element to XYZ 60.9726, 58.7785, 36.9859 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(242, 192, 150) }
```


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

```
.border{ border-color:rgb(242, 192, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 192, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 192, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 192, 150);  
box-shadow:4px 4px 4px 4px rgb(242, 192,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9726, 58.7785, 36.9859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 192, 150) }
```

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

```
.background{ background-color: rgb(242,  
192, 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](#).

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