

Converting Colors

XYZ(64.1535, 63.4329, 41.9072)

Have a look what the booklet for
XYZ(64.1535, 63.4329, 41.9072)
contains.

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Color

**XYZ(64.1940, 63.3660,
42.1052)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C9A0
RGB	243, 201, 160
RGB Percent	95%, 79%, 63%
CMY	0.0471, 0.2117, 0.3725
CMYK	0.00, 0.17, 0.34, 0.05
HSL	30°, 78%, 79%
HSV	30°, 34%, 95%
XYZ	64.1940, 63.3660, 42.1052
YIQ	208.8840, 38.1930, -3.8470

Conversions

Conversions Part 2

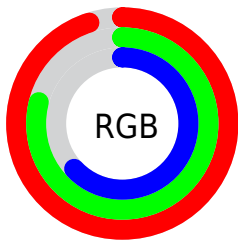
Format	Color
R _Y B	243, 241, 160
Decimal	15976864
CIE Lab	83.63, 9.23, 26.07
CIE LCh	84, 27.659, 70.510
Yxy	63.3660, 0.3784, 0.3735
Android (android.graphics.Color)	4294166944 (0xFFFF3C9A0)
YUV	208.8840, -24.0998, 29.9197
Hunter-Lab	79.6028, 4.6428, 24.3610

Details

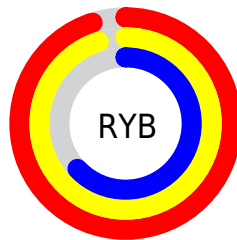
The XYZ color **64.1940, 63.3660, 42.1052** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.7949, 56.1841, 92.9090**, and the grayscale version is **60.6648, 63.8241, 69.5044**.

A 20% lighter version of the original color is **89.2657, 97.6863, 78.4405**, and **33.3902, 32.3892, 18.6793** is the 20% darker color. If you saturate the color by 10%, you get **59.5205, 57.0948, 31.0649**, and if you desaturate by 10%, it is **69.5157, 70.2682, 55.4127**.

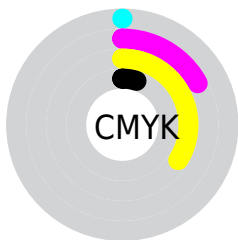
Distribution



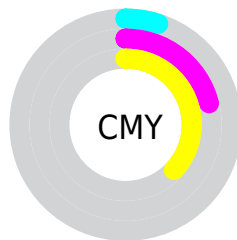
- Red (95%)
- Green (79%)
- Blue (63%)



- Red (95%)
- Yellow (95%)
- Blue (63%)



- Cyan (0%)
- Magenta (17%)
- Yellow (34%)
- Black (5%)





- Cyan (5%)
- Magenta (21%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.1940, 63.3660, 42.1052 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 64.1940, 63.3660, 42.1052 by changing the saturation by 10% instead.


 64.1940, 63.3660,
42.1052


 64.1940, 63.3660,
42.1052


429.4810,
436.8966, 370.7314

 47.0701, 46.1374,
28.8575


 109.9625,
109.6974, 79.6306

 33.2992, 32.3542,
18.7284


 139.3377,
139.5689, 104.7454

 22.5161, 21.6322,
11.2994


173.5275,
174.4235, 134.6530

 14.3553, 13.5869,
6.1519

212.8970,
214.6456, 169.7719

 8.4516, 7.8339,
2.8674

257.8118,
260.6195, 210.5206

 4.4395, 3.9889,
1.0273

308.6372,

 1.9536, 1.6673,

312.7297, 257.3177

0.0000

365.7385,
371.3606, 310.5818

0.6077, 0.4024,
0.0000

0.0000, 0.0000,
0.0000

64.1940, 63.3660,
42.1052

64.1940, 63.3660,
42.1052

59.5205, 57.0948,
31.0649

69.5157, 70.2682,
55.4127

55.4607, 51.4254,
22.1582

75.5082, 77.8117,
71.1029

51.9839, 46.3388,
15.2431

82.1990, 86.0179,
89.2881

49.0540, 41.8115,
10.1586

89.2556, 94.7615,
108.1943

■ 46.6300, 37.8174,
6.7183

■ 90.7723, 97.7947,
108.6998

■ 44.6628, 34.3268,
4.6944

■ 43.6848, 32.4999,
3.9707

Harmonies

Analogous

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



69.5150, 63.3660, 49.5318



64.1940, 63.3660, 42.1052



58.1297, 63.3660, 41.1410

Triad

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



64.1940, 63.3660, 42.1052



49.4953, 63.3660, 75.2541



68.1071, 63.3660, 97.5611

Complementary

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



64.1940, 63.3660, 42.1052



51.7949, 56.1841, 92.9090

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.



62.3751, 63.3660, 107.2233



64.1940, 63.3660, 42.1052



51.8063, 63.3660, 92.9862

Square

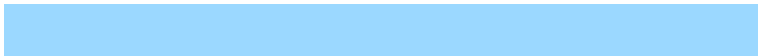
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.1940, 63.3660, 42.1052



49.9101, 63.3660, 58.4623



56.4278, 63.3660, 105.4216



71.8769, 63.3660, 80.7220

Rectangle

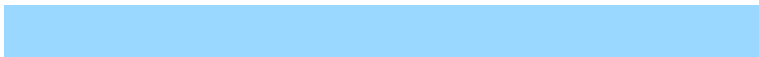
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.1940, 63.3660, 42.1052



54.5107, 63.3660, 44.0813



56.4278, 63.3660, 105.4216



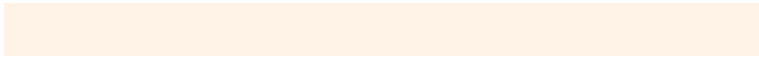
66.3306, 63.3660, 101.8740

Sweetspot

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



64.1956, 63.3690, 42.1065



87.2341, 90.5077, 87.3673



60.2991, 48.5033, 62.6117



18.4503, 19.0998, 18.1019



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.



64.1956, 63.3690, 42.1065



67.9257, 65.7652, 38.1584



74.9458, 84.8694, 45.6899



17.1753, 17.8347, 17.3348



24.1102, 18.1061, 2.2241



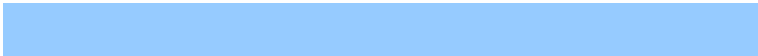
2.2217, 1.7967, 0.2297

Inverse Universe

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



51.7949, 56.1841, 92.9090



52.1490, 56.6235, 102.7886



43.4876, 39.5694, 90.1399



16.2742, 17.3127, 21.0265



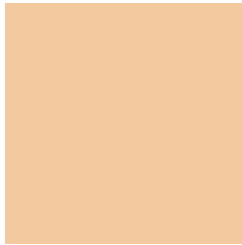
12.8981, 11.5900, 48.0953



1.2365, 1.2243, 4.2614

Previews

White Background



This preview shows how the XYZ color 64.1940, 63.3660, 42.1052 looks on a white background.

Color Contrast Check

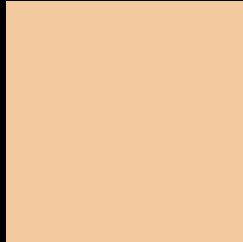
Large Text (above 18pt) WCAG AA × Fail

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 64.1940, 63.3660, 42.1052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

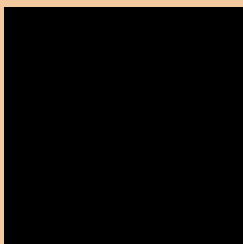
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1940, 63.3660, 42.1052

Background



This preview shows how black text looks on a background with the XYZ color 64.1940, 63.3660, 42.1052.



This preview shows how white text looks on a background with the XYZ color 64.1940, 63.3660,

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

64.1940, 63.3660, 42.1052

Protanopia

59.2909, 63.2857, 43.7407

Deuteranopia

64.6556, 63.2591, 42.0602



Tritanopia

69.5118, 63.1435, 68.8458

Trichromacy



Original Color

64.1940, 63.3660, 42.1052

Protanomaly

60.9860, 63.0943, 43.1465

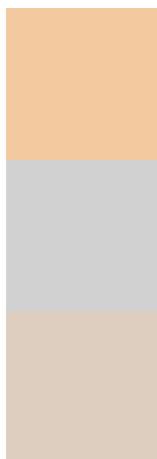
Deuteranomaly

64.3077, 63.0797, 42.0439

Tritanomaly

67.3763, 63.2869, 57.9547

Monochromacy



Original Color

64.1940, 63.3660, 42.1052

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.2941, 63.2764, 58.2732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1940, 63.3660, 42.1052 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(243, 201, 160)` looks like.

```
.text, #text, p{  
    color:rgb(243, 201, 160)  
}
```

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(243, 201, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 201, 160) }
```

Border

The CSS property to change the border of an element to XYZ 64.1940, 63.3660, 42.1052 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(243, 201, 160) }
```


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

```
.border{ border-color:rgb(243, 201, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 201, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 201, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 201, 160); box-shadow:4px 4px 4px 4px rgb(243, 201, 160) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1940, 63.3660, 42.1052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 201, 160) }
```

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

```
.background{ background-color: rgb(243,  
201, 160) }
```

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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