Converting Colors

XYZ(63.8456, 61.4190, 43.4032)

Have a look what the booklet for XYZ(63.8456, 61.4190, 43.4032) contains.

XYZ(63.7490, 61.3933, 43.6121) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 28
- ***CSS Examples*** 31

Color

XYZ(63.7490, 61.3933, 43.6121)

Conversions

Format	Color
Hex	F4C4A4
RGB	244, 196, 164
RGB Percent	96%, 77%, 64%
CMY	0.0431, 0.2313, 0.3569
CMYK	0.00, 0.20, 0.33, 0.04
HSL	24°, 78%, 80%
HSV	24°, 33%, 96%
XYZ	63.7490, 61.3933, 43.6121
YIQ	206.7040, 38.8800, 0.2240

Conversions Part 1

Conversions

Conversions Part 2

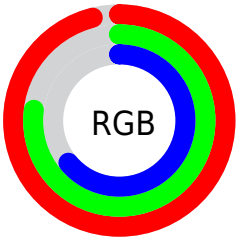
Format	Color
RYB	244, 217, 164
Decimal	16041124
CIELab	82.59, 12.72, 22.55
CIELCh	83, 25.892, 60.587
Yxy	61.3933, 0.3778, 0.3638
Android (android.graphics.Color)	4294231204 (0xFFF4C4A4)
YUV	206.7040, -21.0531, 32.7086
Hunter-Lab	78.3539, 8.1090, 21.8466

Details

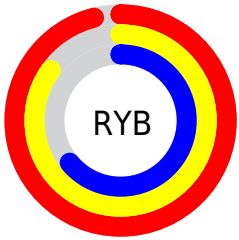
The XYZ color 63.7490, 61.3933, 43.6121 is a light color, and the websafe version is hex FFCC99. A complement of this color would be 55.1817, 61.5091, 94.5521, and the grayscale version is 59.2327, 62.3174, 67.8636.

A 20% lighter version of the original color is 89.1515, 96.6250, 80.9695, and 33.0911, 31.0806, 19.5843 is the 20% darker color. If you saturate the color by 10%, you get 58.6113, 54.3123, 32.0514, and if you desaturate by 10%, it is 69.6348, 69.2935, 57.5091.

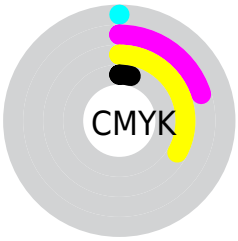
Distribution



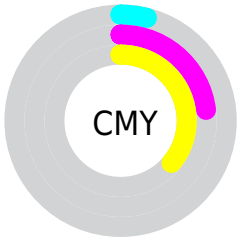
- Red (96%)
- Green (77%)
- Blue (64%)



- Red (96%)
- Yellow (85%)
- Blue (64%)



- Cyan (0%)
- Magenta (20%)
- Yellow (33%)
- Black (4%)



- Cyan (4%)
- Magenta (23%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7490, 61.3933, 43.6121 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 63.7490, 61.3933, 43.6121 by changing the saturation by 10% instead.

63.7490, 61.3933, 43.6121

63.7490, 61.3933, 43.6121

427.8993, 429.7146, 377.1179

46.7083, 44.5427, 30.0307

109.3251, 106.8482, 81.9300

33.0121, 31.0973, 19.6097

138.5913, 136.2212, 107.5035

22.2950, 20.6730, 11.9304

172.6634, 170.5372, 137.9116

14.1916, 12.8852, 6.5743

211.9067, 210.1805, 173.5727

8.3367, 7.3495, 3.1230

256.6865, 255.5355, 214.9053

4.3647, 3.6816, 1.1578

307.3684,

1.9105, 1.4971,

306.9865, 262.3280

364.3175, 364.9181, 316.2594

0.0000

0.5829, 0.2867, 0.0000

0.0000, 0.0000, 0.0000

63.7490, 61.3933, 43.6121

63.7490, 61.3933, 43.6121

58.6113, 54.3123, 32.0514

69.6348, 69.2935, 57.5091

54.1836, 48.0139, 22.6924

76.2951, 78.0308, 73.8591

50.4310, 42.4710, 15.3924

83.7608, 87.6333, 92.7756

47.3136, 37.6515, 9.9903

90.9780, 97.6927, 108.6693

44.7861, 33.5201, 6.3002

91.1183, 97.9731, 108.7160

42.7953, 30.0377, 4.0976

41.6401, 27.8968, 3.1899

Harmonies

Analogous

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

68.0245, 61.3933, 52.4770

63.7490, 61.3933, 43.6121

58.2434, 61.3933, 40.7179

Triad

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

63.7490, 61.3933, 43.6121

48.3236, 61.3933, 67.1601

63.9498, 61.3933, 96.7425

Complementary

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

63.7490, 61.3933, 43.6121

55.1817, 61.5091, 94.5521

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.

58.4617, 61.3933, 102.2809

63.7490, 61.3933, 43.6121

49.6437, 61.3933, 83.6262

Square

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

63.7490, 61.3933, 43.6121

49.5457, 61.3933, 52.9393

53.2695, 61.3933, 97.1431

68.1456, 61.3933, 82.9989

Rectangle

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

63.7490, 61.3933, 43.6121

54.6818, 61.3933, 42.1345

53.2695, 61.3933, 97.1431

62.1838, 61.3933, 99.7146

Sweetspot

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

63.7506, 61.3962, 43.6133

86.5251, 89.0898, 87.1310

62.4678, 50.5381, 68.7503

18.2791, 18.7574, 18.0448

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.

63.7506, 61.3962, 43.6133

66.7933, 62.8262, 39.8594

74.0048, 81.9046, 47.0314

17.0432, 17.5705, 17.2907

22.7666, 15.4187, 1.7762

2.0986, 1.5505, 0.1887

Inverse Universe

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

55.1817, 61.5091, 94.5521

56.0282, 62.9528, 103.8059

46.3921, 43.9300, 91.6223

16.4081, 17.5805, 21.0711

14.6376, 15.0690, 48.6751

1.3869, 1.5252, 4.3115

Previews

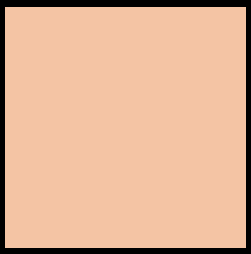
White Background

This preview shows how the XYZ color 63.7490, 61.3933, 43.6121 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



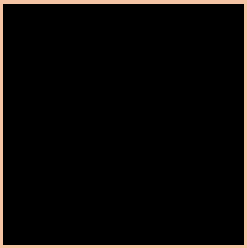
This preview shows how the XYZ color 63.7490, 61.3933, 43.6121 looks on a black background.

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 63.7490, 61.3933, 43.6121 Background



This preview shows how black text looks on a background with the XYZ color 63.7490, 61.3933, 43.6121.

This preview shows how white text looks on a background with the XYZ color 63.7490, 61.3933,

43.6121.

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
63.7490, 61.3933, 43.6121

Protanopia
57.8126, 61.3952, 45.8492

Deuteranopia
62.8301, 61.5938, 43.6992

Tritanopia
68.1443, 61.1911, 65.9771

Trichromacy

Original Color
63.7490, 61.3933, 43.6121

Protanomaly
59.7741, 61.3620, 45.2528

Deuteranomaly
62.9427, 61.3136, 43.6392

Tritanomaly
66.5017, 61.1911, 57.0213

Monochromacy

Original Color
63.7490, 61.3933, 43.6121

Achromatopsia
59.3074, 62.3960, 67.9493

Achromatomaly
60.2751, 61.6891, 58.0206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7490, 61.3933, 43.6121 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(244, 196, 164) looks like.

```
.text, #text, p{
    color:rgb(244, 196, 164)
}
```

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(244, 196, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 196, 164) }
```

Border

The CSS property to change the border of an element to XYZ 63.7490, 61.3933, 43.6121 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(244, 196, 164) }
```

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

```
.border{ border-color:rgb(244, 196, 164) }
```

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

Here you see how a box with a 4 pixel rgb(244, 196, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 196, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 196, 164); box-shadow:4px 4px 4px 4px rgb(244, 196, 164) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7490, 61.3933, 43.6121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(244, 196, 164) }
```

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

```
.background{ background-color:rgb(244,
196, 164) }
```

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