

Converting Colors

XYZ(63.3777, 65.4160, 44.8231)

Have a look what the booklet for
XYZ(63.3777, 65.4160, 44.8231)
contains.

XYZ(63.2791, 65.3208, 44.8703) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(63.2791, 65.3208,
44.8703)**

Conversions

Conversions Part 1

Format	Color
Hex	EAD0A5
RGB	234, 208, 165
RGB Percent	92%, 82%, 65%
CMY	0.0824, 0.1843, 0.3529
CMYK	0.00, 0.11, 0.29, 0.08
HSL	37°, 62%, 78%
HSV	37°, 29%, 92%
XYZ	63.2791, 65.3208, 44.8703
YIQ	210.8720, 29.2990, -7.8610

Conversions

Conversions Part 2

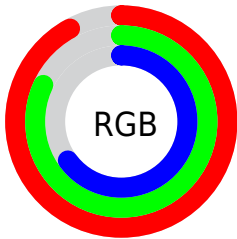
Format	Color
R_{YB}	207, 234, 165
Decimal	15388837
CIE _{Lab}	84.65, 2.76, 24.70
CIE _{LCh}	85, 24.854, 83.618
Yxy	65.3208, 0.3648, 0.3766
Android (android.graphics.Color)	4293578917 (0xFFEAD0A5)
YUV	210.8720, -22.6149, 20.2833
Hunter-Lab	80.8213, -1.6805, 23.6583

Details

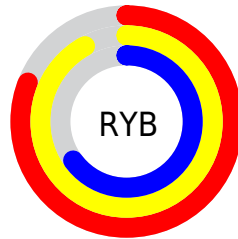
The XYZ color **63.2791, 65.3208, 44.8703** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.9987, 51.2000, 85.1422**, and the grayscale version is **61.9648, 65.1918, 70.9939**.

A 20% lighter version of the original color is **89.9183, 97.9473, 81.8767**, and **32.6677, 33.6506, 20.3962** is the 20% darker color. If you saturate the color by 10%, you get **59.2516, 60.3680, 33.9640**, and if you desaturate by 10%, it is **67.8192, 70.6745, 57.8714**.

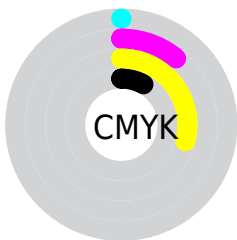
Distribution



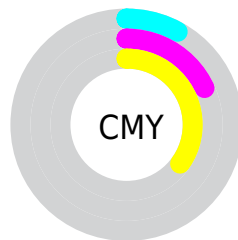
- Red (92%)
- Green (82%)
- Blue (65%)



- Red (81%)
- Yellow (92%)
- Blue (65%)



- Cyan (0%)
- Magenta (11%)
- Yellow (29%)
- Black (8%)





- Cyan (8%)
- Magenta (18%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2791, 65.3208, 44.8703 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 63.2791, 65.3208, 44.8703 by changing the saturation by 10% instead.


 63.2791, 65.3208,
44.8703


 63.2791, 65.3208,
44.8703


426.2253,
443.9439, 382.3928

 46.3265, 47.7213,
31.0131


 108.6516,
112.5109, 83.8421

 32.7093, 33.6062,
20.3503

 137.8023,
142.8703, 109.7938

 22.0620, 22.5912,
12.4633


171.7497,
178.2518, 140.6141

 14.0193, 14.2920,
6.9337

210.8592,
219.0397, 176.7214

 8.2159, 8.3240,
3.3428

255.4961,
265.6185, 218.5345

 4.2864, 4.3030,
1.2722

306.0259,

 1.8654, 1.8444,

318.3725, 266.4717

0.0389

362.8138,
377.6862, 320.9516

■ 0.5566, 0.5146,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.2791, 65.3208,
44.8703

■ 63.2791, 65.3208,
44.8703

■ 59.2516, 60.3680,
33.9640

■ 67.8192, 70.6745,
57.8714

■ 55.7085, 55.7947,
25.0358

■ 72.8883, 76.4316,
73.0675

■ 52.6261, 51.5906,
17.9636

■ 78.5083, 82.6062,
90.5570

■ 49.9764, 47.7413,
12.6100

■ 84.1128, 88.9746,
107.3483

■ 47.7278, 44.2309,
8.8184

■ 86.8187, 94.3862,
108.2503

■ 45.8429, 41.0409,
6.4028

■ 87.7418, 96.2325,
108.5580

■ 44.2630, 38.1443,
5.0642

■ 44.1865, 38.0020,
5.0062

Harmonies

Analogous

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



68.6325, 65.3208, 49.2477



63.2791, 65.3208, 44.8703



57.9077, 65.3208, 46.6367

Triad

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



63.2791, 65.3208, 44.8703



52.8128, 65.3208, 84.0829



71.0786, 65.3208, 90.8340

Complementary

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



63.2791, 65.3208, 44.8703



48.9987, 51.2000, 85.1422

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.



66.4595, 65.3208, 102.9587



63.2791, 65.3208, 44.8703



55.9686, 65.3208, 98.6727

Square

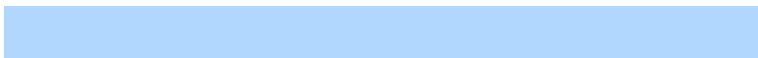
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.2791, 65.3208, 44.8703



52.0732, 65.3208, 67.7802



60.9069, 65.3208, 106.0221



73.3053, 65.3208, 74.5744

Rectangle

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



63.2791, 65.3208, 44.8703



55.0114, 65.3208, 51.2139



60.9069, 65.3208, 106.0221



69.7414, 65.3208, 95.6206

Sweetspot

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



63.2808, 65.3238, 44.8717



88.8761, 93.2161, 89.6894



56.8409, 48.1849, 55.8557



18.8206, 19.7257, 18.5789



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.



63.2808, 65.3238, 44.8717



74.0559, 75.9158, 46.7063



67.5631, 77.7232, 47.0393



15.8475, 16.6181, 15.8911



24.9553, 21.6047, 2.8548



2.0516, 1.8806, 0.2549

Inverse Universe

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



48.9987, 51.2000, 85.1422



54.2331, 56.3191, 102.6200



45.5518, 41.7416, 83.4982



14.6962, 15.4788, 19.1354



10.4254, 7.4977, 44.6407



0.9086, 0.7686, 3.5353

Previews

White Background



This preview shows how the XYZ color 63.2791, 65.3208, 44.8703 looks on a white background.

Color Contrast Check

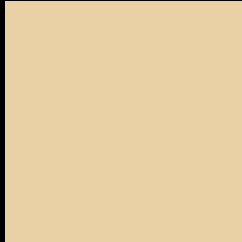
Large Text (above 18pt) WCAG AA × Fail

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 63.2791, 65.3208, 44.8703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

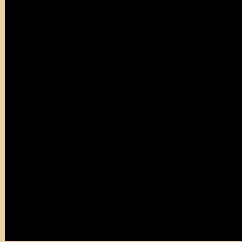
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.2791, 65.3208, 44.8703

Background



This preview shows how black text looks on a background with the XYZ color 63.2791, 65.3208, 44.8703.



This preview shows how white text looks on a background with the XYZ color 63.2791, 65.3208,

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

63.2791, 65.3208, 44.8703

Protanopia

61.2285, 65.3493, 45.4630

Deuteranopia

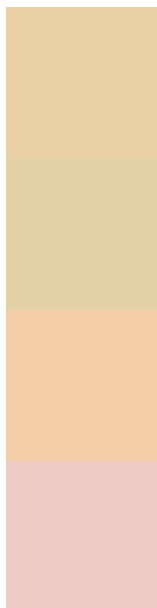
66.5966, 65.2392, 45.1588



Tritanopia

69.3462, 65.3083, 74.5965

Trichromacy



Original Color

63.2791, 65.3208, 44.8703

Protanomaly

61.9244, 65.3403, 45.4246

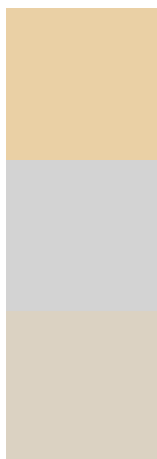
Deuteranomaly

65.3322, 65.2931, 45.2358

Tritanomaly

67.0458, 65.4401, 62.5236

Monochromacy



Original Color

63.2791, 65.3208, 44.8703

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.9976, 65.0483, 60.3269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2791, 65.3208, 44.8703 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(234, 208, 165)` looks like.

```
.text, #text, p{  
    color:rgb(234, 208, 165)  
}
```

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(234, 208, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 208, 165) }
```

Border

The CSS property to change the border of an element to XYZ 63.2791, 65.3208, 44.8703 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(234, 208, 165) }
```


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

```
.border{ border-color:rgb(234, 208, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 208, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 208, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 208, 165);  
box-shadow:4px 4px 4px 4px rgb(234, 208,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2791, 65.3208, 44.8703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 208, 165) }
```

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

```
.background{ background-color: rgb(234,  
208, 165) }
```

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