

Converting Colors

XYZ(64.2289, 64.3913, 44.1655)

Have a look what the booklet for
XYZ(64.2289, 64.3913, 44.1655)
contains.

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Color

**XYZ(64.2289, 64.3913,
44.1655)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CCA4
RGB	240, 204, 164
RGB Percent	94%, 80%, 64%
CMY	0.0588, 0.2000, 0.3569
CMYK	0.00, 0.15, 0.32, 0.06
HSL	32°, 72%, 79%
HSV	32°, 32%, 94%
XYZ	64.2289, 64.3913, 44.1655
YIQ	210.2040, 34.2960, -4.8080

Conversions

Conversions Part 2

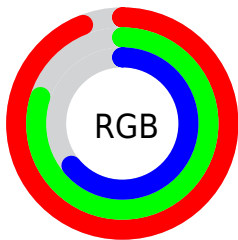
Format	Color
R _Y B	232, 240, 164
Decimal	15781028
CIE Lab	84.17, 7.00, 24.66
CIE LCh	84, 25.632, 74.143
Yxy	64.3913, 0.3717, 0.3727
Android (android.graphics.Color)	4293971108 (0xFFFF0CCA4)
YUV	210.2040, -22.7786, 26.1311
Hunter-Lab	80.2442, 2.4473, 23.5384

Details

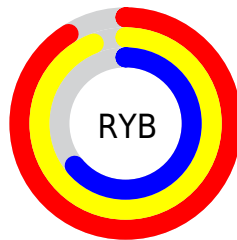
The XYZ color **64.2289, 64.3913, 44.1655** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.6918, 55.4907, 90.4246**, and the grayscale version is **61.5231, 64.7271, 70.4878**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **33.3594, 33.0498, 19.9503** is the 20% darker color. If you saturate the color by 10%, you get **59.6593, 58.3994, 32.9394**, and if you desaturate by 10%, it is **69.4081, 70.9472, 57.6140**.

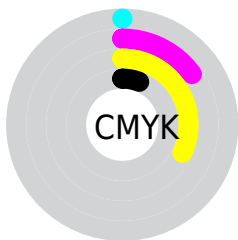
Distribution



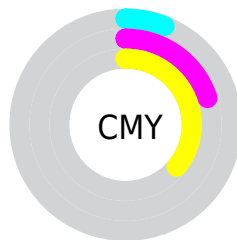
- Red (94%)
- Green (80%)
- Blue (64%)



- Red (91%)
- Yellow (94%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (32%)
- Black (6%)





- Cyan (6%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.2289, 64.3913, 44.1655 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 64.2289, 64.3913, 44.1655 by changing the saturation by 10% instead.


 64.2289, 64.3913,
44.1655


 64.2289, 64.3913,
44.1655


429.6049,
440.6013, 379.4443

 47.0985, 46.9677,
30.4625


 110.0124,
111.1743, 82.7719

 33.3218, 33.0101,
19.9349

 139.3962,
141.3024, 108.5123

 22.5335, 22.1342,
12.1641


173.5952,
176.4342, 139.1022

 14.3682, 13.9555,
6.7316

212.9747,
216.9540, 174.9603

 8.4606, 8.0897,
3.2190

257.9000,
263.2462, 216.5050

 4.4453, 4.1524,
1.2075

308.7366,

 1.9570, 1.7592,

315.6952, 264.1549

0.0000

365.8498,
374.6855, 318.3285

■ 0.6097, 0.4615,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.2289, 64.3913,
44.1655

■ 64.2289, 64.3913,
44.1655

■ 59.6593, 58.3994,
32.9394

■ 69.4081, 70.9472,
57.6140

■ 55.6670, 52.9449,
23.8089

■ 75.2171, 78.0747,
73.3941

■ 52.2241, 48.0120,
16.6403

■ 81.6814, 85.7927,
91.6129

■ 49.2976, 43.5805,
11.2827

■ 88.0075, 93.7897,
108.0725

■ 46.8504, 39.6280,
7.5627

■ 89.7453, 97.2653,
108.6517

■ 44.8382, 36.1292,
5.2723

■ 43.4386, 33.5320,
4.1829

Harmonies

Analogous

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



69.3619, 64.3913, 50.5401



64.2289, 64.3913, 44.1655



58.5772, 64.3913, 43.9881

Triad

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



64.2289, 64.3913, 44.1655



51.2292, 64.3913, 78.0186



69.1115, 64.3913, 94.9830

Complementary

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



64.2289, 64.3913, 44.1655



51.6918, 55.4907, 90.4246

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.



63.9041, 64.3913, 104.9472



64.2289, 64.3913, 44.1655



53.7086, 64.3913, 94.1767

Square

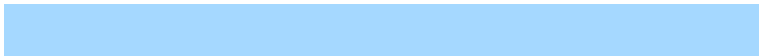
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.2289, 64.3913, 44.1655



51.3042, 64.3913, 61.9227



58.2717, 64.3913, 104.6311



72.2974, 64.3913, 78.9915

Rectangle

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



64.2289, 64.3913, 44.1655



55.2859, 64.3913, 47.3186



58.2717, 64.3913, 104.6311



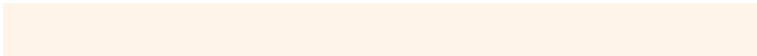
67.5258, 64.3913, 99.2510

Sweetspot

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



64.2306, 64.3943, 44.1668



88.2025, 91.8689, 89.4649



59.7224, 49.2814, 61.4592



18.6546, 19.3936, 18.5235



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.



64.2306, 64.3943, 44.1668



70.2467, 69.3852, 42.0832



73.3679, 83.3051, 47.3354



16.4615, 17.1360, 16.5897



23.9133, 18.6247, 2.3346



2.0889, 1.7486, 0.2274

Inverse Universe

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



51.6918, 55.4907, 90.4246



53.7616, 57.6820, 102.9079



44.5769, 40.8710, 87.9777



15.5147, 16.4635, 20.0817



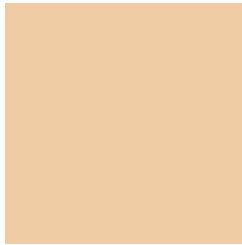
12.0145, 10.2533, 46.4737



1.0984, 1.0508, 3.8991

Previews

White Background



This preview shows how the XYZ color 64.2289, 64.3913, 44.1655 looks on a white background.

Color Contrast Check

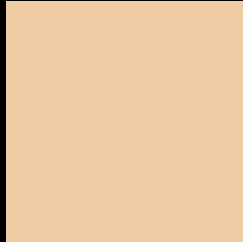
Large Text (above 18pt) WCAG AA × Fail

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 64.2289, 64.3913, 44.1655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

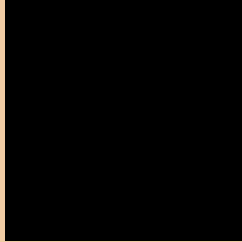
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2289, 64.3913, 44.1655

Background



This preview shows how black text looks on a background with the XYZ color 64.2289, 64.3913, 44.1655.



This preview shows how white text looks on a background with the XYZ color 64.2289, 64.3913,

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

64.2289, 64.3913, 44.1655

Protanopia

60.4531, 64.5712, 45.8365

Deuteranopia

65.8274, 64.5142, 44.1050



Tritanopia

69.6327, 64.1491, 71.6628

Trichromacy



Original Color

64.2289, 64.3913, 44.1655

Protanomaly

61.7519, 64.5229, 45.2759

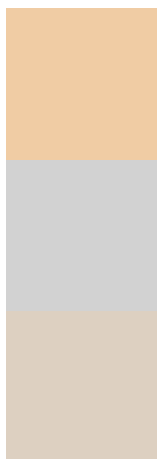
Deuteranomaly

65.3650, 64.6253, 44.1508

Tritanomaly

67.4668, 64.3034, 60.4857

Monochromacy



Original Color

64.2289, 64.3913, 44.1655

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.0003, 64.3342, 59.6020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2289, 64.3913, 44.1655 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(240, 204, 164)` looks like.

```
.text, #text, p{  
    color:rgb(240, 204, 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(240, 204, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 204, 164) }
```

Border

The CSS property to change the border of an element to XYZ 64.2289, 64.3913, 44.1655 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(240, 204, 164) }
```


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

```
.border{ border-color:rgb(240, 204, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 204, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 204, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 204, 164);  
box-shadow:4px 4px 4px 4px rgb(240, 204,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2289, 64.3913, 44.1655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 204, 164) }
```

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

```
.background{ background-color: rgb(240,  
204, 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](#).

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