

Converting Colors

XYZ(55.3007, 64.2727, 44.6341)

Have a look what the booklet for
XYZ(55.3007, 64.2727, 44.6341)
contains.

XYZ(55.3441, 64.2096, 44.5987)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.3441, 64.2096,
44.5987)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D8A4
RGB	201, 216, 164
RGB Percent	79%, 85%, 64%
CMY	0.2118, 0.1529, 0.3569
CMYK	0.07, 0.00, 0.24, 0.15
HSL	77°, 40%, 75%
HSV	77°, 24%, 85%
XYZ	55.3441, 64.2096, 44.5987
YIQ	205.5870, 7.7520, -19.3520

Conversions

Conversions Part 2

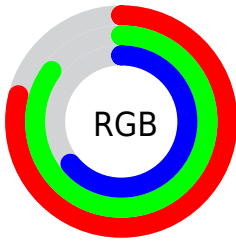
Format	Color
RYB	164, 216, 179
Decimal	13228196
CIELab	84.07, -13.83, 24.01
CIELCh	84, 27.711, 119.947
Yxy	64.2096, 0.3372, 0.3912
Android (android.graphics.Color)	4291418276 (0xFFC9D8A4)
YUV	205.5870, -20.5024, -4.0228
Hunter-Lab	80.1309, -16.9443, 23.0924

Details

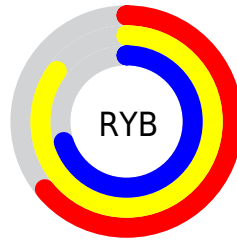
The XYZ color **55.3441, 64.2096, 44.5987** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.2631, 41.0943, 70.5684**, and the grayscale version is **58.5270, 61.5750, 67.0552**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **27.7021, 32.8626, 20.2123** is the 20% darker color. If you saturate the color by 10%, you get **51.9157, 62.6507, 35.1060**, and if you desaturate by 10%, it is **59.1752, 65.9417, 55.8423**.

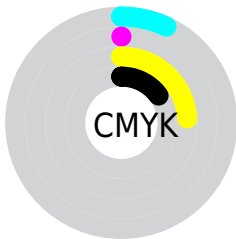
Distribution



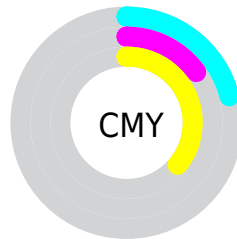
- Red (79%)
- Green (85%)
- Blue (64%)



- Red (64%)
- Yellow (85%)
- Blue (70%)



- Cyan (7%)
- Magenta (0%)
- Yellow (24%)
- Black (15%)





- Cyan (21%)
- Magenta (15%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3441, 64.2096, 44.5987 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 55.3441, 64.2096, 44.5987 by changing the saturation by 10% instead.


 55.3441, 64.2096,
44.5987


 55.3441, 64.2096,
44.5987


397.3302,
439.9462, 381.2585

 39.9122, 46.8205,
30.8008


 97.1903, 110.9127,
83.4299

 27.6540, 32.8937,
20.1900

 124.3354,
140.9955, 109.3004

 18.2041, 22.0451,
12.3478


156.1155,
176.0783, 140.0321

 11.1972, 13.8900,
6.8556


192.8961,
216.5455, 176.0436

 6.2679, 8.0442,
3.2949

235.0425,
262.7815, 217.7534

 3.0509, 4.1232,
1.2471

282.9201,

 1.1807, 1.7427,

315.1707, 265.5802

0.0178

336.8942,
374.0974, 319.9423

■ 0.0911, 0.4511,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3441, 64.2096,
44.5987

■ 55.3441, 64.2096,
44.5987

■ 51.9157, 62.6507,
35.1060

■ 59.1752, 65.9417,
55.8423

■ 48.8674, 61.2495,
27.2720

■ 63.4204, 67.8452,
68.9145

■ 46.1820, 60.0012,
21.0020

■ 68.0965, 69.9292,
83.8936

■ 43.8385, 58.8971,
16.1905

■ 73.2182, 72.1995,
100.8519

■ 41.8136, 57.9280,
12.7187

■ 75.9389, 73.5175,
104.7956

■ 40.0803, 57.0829,
10.4493

■ 78.0001, 74.5801,
104.8921

■ 38.6061, 56.3487,
9.2156

■ 80.1337, 75.6801,
104.9920

■ 37.8229, 55.9531,
8.8066

■ 82.3406, 76.8178,
105.0952

■ 83.8472, 77.5944,
105.1657

Harmonies

Analogous

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



61.0403, 64.2096, 41.3484



55.3441, 64.2096, 44.5987



51.4042, 64.2096, 54.3639

Triad

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



55.3441, 64.2096, 44.5987



55.3263, 64.2096, 103.3110



73.5631, 64.2096, 69.9448

Complementary

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



55.3441, 64.2096, 44.5987



44.2631, 41.0943, 70.5684

Split Complementary

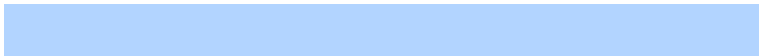
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.7866, 64.2096, 88.1765



55.3441, 64.2096, 44.5987



61.0183, 64.2096, 109.2984

Square

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



55.3441, 64.2096, 44.5987



51.3944, 64.2096, 88.1130



67.0911, 64.2096, 103.3518



71.7988, 64.2096, 54.4100

Rectangle

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



55.3441, 64.2096, 44.5987



50.1651, 64.2096, 64.1963



67.0911, 64.2096, 103.3518



73.3587, 64.2096, 75.9601

Sweetspot

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



55.3458, 64.2124, 44.6001



90.4385, 97.9394, 94.3733



51.0888, 49.4147, 41.9682



19.2756, 20.9263, 19.9455



0.0000, 0.0000, 0.0000



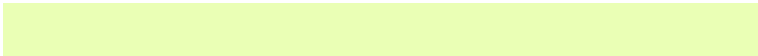
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.3458, 64.2124, 44.6001



77.9267, 92.2937, 57.4502



48.9979, 60.9400, 44.3030



13.1075, 14.3316, 13.2361



22.4976, 33.1743, 5.2175



1.4370, 2.0422, 0.3184

Inverse Universe

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



44.2631, 41.0943, 70.5684



59.0461, 52.8987, 101.7062



50.7757, 44.4516, 70.8732



12.0759, 12.1805, 15.6521



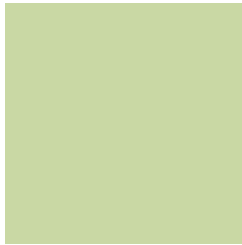
8.6173, 3.5949, 38.6929



0.6013, 0.2589, 2.3376

Previews

White Background



This preview shows how the XYZ color 55.3441, 64.2096, 44.5987 looks on a white background.

Color Contrast Check

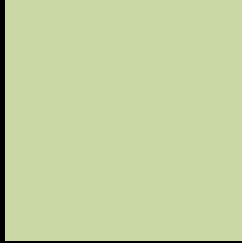
Large Text (above 18pt) WCAG AA × Fail

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 55.3441, 64.2096, 44.5987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

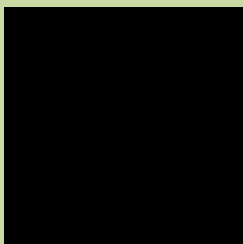
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

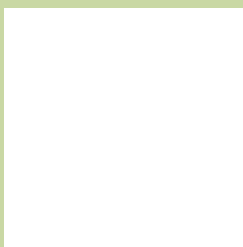
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.3441, 64.2096, 44.5987

Background



This preview shows how black text looks on a background with the XYZ color 55.3441, 64.2096, 44.5987.



This preview shows how white text looks on a background with the XYZ color 55.3441, 64.2096,

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

55.3441, 64.2096, 44.5987

Protanopia

59.9740, 64.0214, 42.9146

Deuteranopia

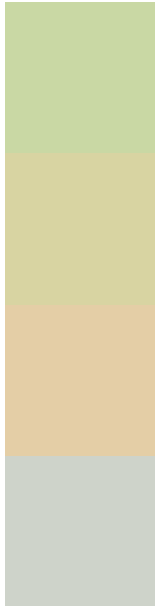
65.1699, 63.7964, 45.4383



Tritanopia

62.3049, 64.0489, 79.5999

Trichromacy



Original Color

55.3441, 64.2096, 44.5987

Protanomaly

58.3840, 64.2945, 43.5153

Deuteranomaly

60.9491, 63.3898, 45.0995

Tritanomaly

59.4085, 63.9746, 65.0943

Monochromacy



Original Color

55.3441, 64.2096, 44.5987

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.3524, 62.6921, 58.3682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3441, 64.2096, 44.5987 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(201, 216, 164)` looks like.

```
.text, #text, p{  
    color:rgb(201, 216, 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(201, 216, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 216, 164) }
```

Border

The CSS property to change the border of an element to XYZ 55.3441, 64.2096, 44.5987 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(201, 216, 164) }
```


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

```
.border{ border-color:rgb(201, 216, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 216, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 216, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 216, 164);  
box-shadow:4px 4px 4px 4px rgb(201, 216,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3441, 64.2096, 44.5987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 216, 164) }
```

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

```
.background{ background-color: rgb(201,  
216, 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