

Converting Colors

XYZ(47.0335, 47.3856, 35.9760)

Have a look what the booklet for
XYZ(47.0335, 47.3856, 35.9760)
contains.

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Color

**XYZ(47.1596, 47.5964,
35.9796)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB397
RGB	206, 179, 151
RGB Percent	81%, 70%, 59%
CMY	0.1922, 0.2980, 0.4078
CMYK	0.00, 0.13, 0.27, 0.19
HSL	31°, 36%, 70%
HSV	31°, 27%, 81%
XYZ	47.1596, 47.5964, 35.9796
YIQ	183.8810, 25.0800, -2.9840

Conversions

Conversions Part 2

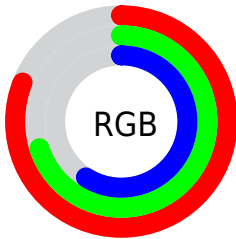
Format	Color
R_{YB}	204, 206, 151
Decimal	13546391
CIE _{Lab}	74.57, 5.45, 17.88
CIE _{LCh}	75, 18.696, 73.057
Yxy	47.5964, 0.3607, 0.3641
Android (android.graphics.Color)	4291736471 (0xFFCEB397)
YUV	183.8810, -16.2103, 19.3984
Hunter-Lab	68.9901, 1.2845, 17.3723

Details

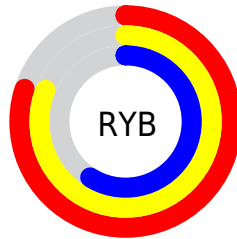
The XYZ color **47.1596, 47.5964, 35.9796** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.8231, 42.8750, 64.5695**, and the grayscale version is **45.5723, 47.9456, 52.2127**.

A 20% lighter version of the original color is **81.9678, 85.0844, 69.8604**, and **22.5236, 22.4211, 15.1972** is the 20% darker color. If you saturate the color by 10%, you get **43.6782, 43.0809, 27.2740**, and if you desaturate by 10%, it is **51.0845, 52.5304, 46.2763**.

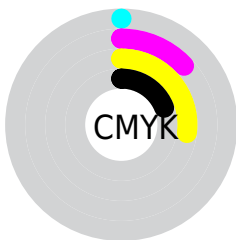
Distribution



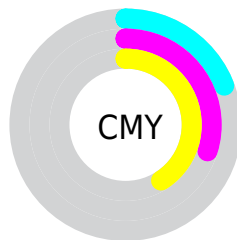
- Red (81%)
- Green (70%)
- Blue (59%)



- Red (80%)
- Yellow (81%)
- Blue (59%)



- Cyan (0%)
- Magenta (13%)
- Yellow (27%)
- Black (19%)





- Cyan (19%)
- Magenta (30%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.1596, 47.5964, 35.9796 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 47.1596, 47.5964, 35.9796 by changing the saturation by 10% instead.


 47.1596, 47.5964,
35.9796


 47.1596, 47.5964,
35.9796


366.0895,
377.1901, 343.9061

 33.3703, 33.5074,
24.1289


 85.1691, 86.6032,
70.1693

 22.5709, 22.5154,
15.2162

 110.1200,
112.2897, 93.3453

 14.3959, 14.2361,
8.8229


139.5222,
142.6109, 121.1335

 8.4801, 8.2851,
4.5306

173.7410,
177.9511, 153.9524

 4.4580, 4.2779,
1.9207

213.1418,
218.6948, 192.2206

 1.9644, 1.8302,
0.5059

258.0899,

 0.6138, 0.5059,

265.2262, 236.3566

0.0000

308.9507,
317.9299, 286.7789

■ 0.0000, 0.0000,
0.0000

■ 47.1596, 47.5964,
35.9796

■ 47.1596, 47.5964,
35.9796

■ 43.6782, 43.0809,
27.2740

■ 51.0845, 52.5304,
46.2763

■ 40.6182, 38.9651,
20.0754

■ 55.4662, 57.8881,
58.2365

■ 37.9609, 35.2378,
14.2964

■ 60.3223, 63.6831,
71.9315

■ 35.6847, 31.8849,
9.8392

■ 65.6680, 69.9259,
87.4279

■ 33.7652, 28.8912,
6.5934

■ 71.5180, 76.6271,
104.7884

■ 32.1746, 26.2397,
4.4304

■ 74.5672, 82.4689,
106.5957

■ 30.8775, 23.9100,
3.1830

■ 77.6218, 88.5781,
107.6139

■ 30.4940, 23.2025,
2.8713

■ 79.2637, 91.8618,
108.1612

Harmonies

Analogous

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



50.1561, 47.5964, 40.1265



47.1596, 47.5964, 35.9796



43.7864, 47.5964, 35.7241

Triad

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



47.1596, 47.5964, 35.9796



39.1982, 47.5964, 56.1445



49.8230, 47.5964, 66.6498

Complementary

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



47.1596, 47.5964, 35.9796



39.8231, 42.8750, 64.5695

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.



46.7233, 47.5964, 72.1544



47.1596, 47.5964, 35.9796



40.6541, 47.5964, 65.5999

Square

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



47.1596, 47.5964, 35.9796



39.3020, 47.5964, 46.5869



43.3712, 47.5964, 71.7479



51.7456, 47.5964, 57.4404

Rectangle

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



47.1596, 47.5964, 35.9796



41.7854, 47.5964, 37.7364



43.3712, 47.5964, 71.7479



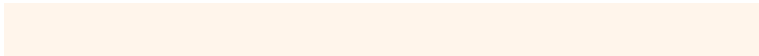
48.8777, 47.5964, 69.0434

Sweetspot

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



47.1608, 47.5986, 35.9806



88.8262, 92.5321, 91.4734



44.6068, 38.4900, 47.4619



18.7740, 19.5162, 18.9218



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.



47.1608, 47.5986, 35.9806



73.1089, 72.8673, 49.9499



53.1110, 59.4990, 37.9640



11.6766, 12.1422, 11.8077



18.8746, 14.4822, 1.8005



1.0496, 0.8989, 0.1182

Inverse Universe

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



39.8231, 42.8750, 64.5695



59.2802, 63.9659, 103.8300



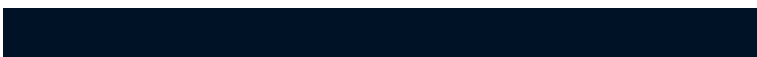
34.9702, 33.1694, 62.9518



11.0488, 11.7380, 14.2537



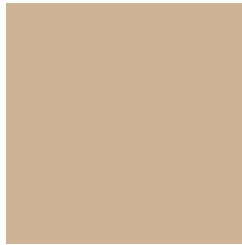
9.8289, 8.6817, 37.1140



0.5830, 0.5997, 1.9400

Previews

White Background



This preview shows how the XYZ color 47.1596, 47.5964, 35.9796 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 47.1596, 47.5964, 35.9796 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 47.1596, 47.5964, 35.9796

Background



This preview shows how black text looks on a background with the XYZ color 47.1596, 47.5964, 35.9796.



This preview shows how white text looks on a background with the XYZ color 47.1596, 47.5964,

35.9796.

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

47.1596, 47.5964, 35.9796

Protanopia

44.9314, 47.6362, 36.9636

Deuteranopia

48.2626, 47.2821, 35.8608



Tritanopia

50.6840, 47.5616, 53.5227

Trichromacy



Original Color

47.1596, 47.5964, 35.9796

Protanomaly

45.6841, 47.7287, 36.5105

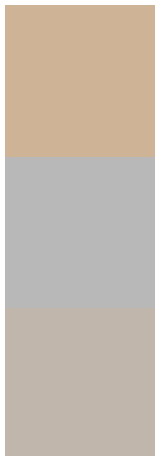
Deuteranomaly

47.8864, 47.3803, 35.8996

Tritanomaly

49.4598, 47.6620, 46.6373

Monochromacy



Original Color

47.1596, 47.5964, 35.9796

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.9126, 47.6409, 45.8055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1596, 47.5964, 35.9796 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(206, 179, 151)` looks like.

```
.text, #text, p{  
    color:rgb(206, 179, 151)  
}
```

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(206, 179, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 179, 151) }
```

Border

The CSS property to change the border of an element to XYZ 47.1596, 47.5964, 35.9796 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(206, 179, 151) }
```


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

```
.border{ border-color:rgb(206, 179, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 179, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 179, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 179, 151);  
box-shadow:4px 4px 4px 4px rgb(206, 179,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1596, 47.5964, 35.9796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 179, 151) }
```

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

```
.background{ background-color: rgb(206,  
179, 151) }
```

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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