

Converting Colors

XYZ(39.9735, 35.4081, 25.4965)

Have a look what the booklet for
XYZ(39.9735, 35.4081, 25.4965)
contains.

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Color

**XYZ(39.9735, 35.4081,
25.4965)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9281
RGB	207, 146, 129
RGB Percent	81%, 57%, 51%
CMY	0.1882, 0.4274, 0.4941
CMYK	0.00, 0.29, 0.38, 0.19
HSL	13°, 45%, 66%
HSV	13°, 38%, 81%
XYZ	39.9735, 35.4081, 25.4965
YIQ	162.3010, 41.8130, 7.6450

Conversions

Conversions Part 2

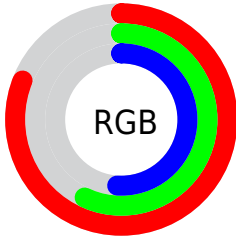
Format	Color
R_{YB}	207, 151, 129
Decimal	13603457
CIE Lab	66.07, 20.88, 18.22
CIE LCh	66, 27.712, 41.102
Yxy	35.4081, 0.3963, 0.3510
Android (android.graphics.Color)	4291793537 (0xFFCF9281)
YUV	162.3010, -16.4174, 39.2010
Hunter-Lab	59.5047, 15.7778, 16.2488

Details

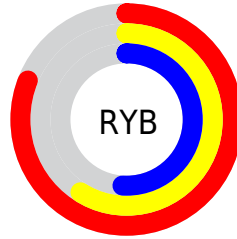
The XYZ color **39.9735, 35.4081, 25.4965** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.7286, 45.9976, 65.8689**, and the grayscale version is **34.5454, 36.3445, 39.5791**.

A 20% lighter version of the original color is **70.3378, 65.9460, 53.2776**, and **18.3027, 15.3429, 9.5862** is the 20% darker color. If you saturate the color by 10%, you get **36.4135, 30.2714, 18.1953**, and if you desaturate by 10%, it is **44.1675, 41.3664, 34.3848**.

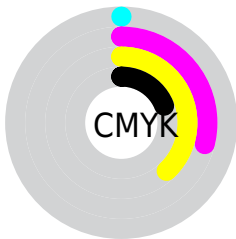
Distribution



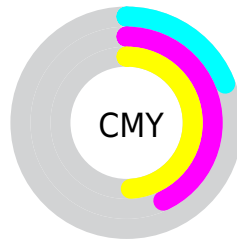
- Red (81%)
- Green (57%)
- Blue (51%)



- Red (81%)
- Yellow (59%)
- Blue (51%)



- Cyan (0%)
- Magenta (29%)
- Yellow (38%)
- Black (19%)



- Cyan (19%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9735, 35.4081, 25.4965 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 39.9735, 35.4081, 25.4965 by changing the saturation by 10% instead.


 39.9735, 35.4081,
25.4965


 39.9735, 35.4081,
25.4965


337.1482,
326.3660, 293.8280


 27.7020, 23.9774,
16.2250


 74.4078, 68.1175,
53.4356

 18.2405, 15.3169,
9.5274


 97.3012, 90.1650,
72.9403

 11.2235, 9.0421,
4.9853


 124.4661,
116.5202, 96.6931

 6.2858, 4.7686,
2.1800

156.2676,
147.5676, 125.1126

 3.0619, 2.1122,
0.6628

193.0713,
183.6914, 158.6173

 1.1866, 0.6715,
0.0000

235.2423,

 0.0957, 0.0000,

225.2762, 197.6257

0.0000

283.1462,
272.7062, 242.5565

■ 0.0000, 0.0000,
0.0000

■ 39.9735, 35.4081,
25.4965

■ 39.9735, 35.4081,
25.4965

■ 36.4135, 30.2714,
18.1953

■ 44.1675, 41.3664,
34.3848

■ 33.4529, 25.9148,
12.3850

■ 49.0220, 48.1751,
44.9445

■ 31.0581, 22.3010,
7.9622

■ 54.5656, 55.8681,
57.2564

■ 29.1908, 19.3872,
4.8092

■ 60.8242, 64.4756,
71.3953

■ 27.8073, 17.1262,
2.7884

■ 67.8223, 74.0267,
87.4318

■ 26.8518, 15.4626,
1.7072

■ 75.5833, 84.5489,
105.4327

■ 26.6754, 15.1519,
1.5187

■ 79.5422, 92.0054,
108.1742

Harmonies

Analogous

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



42.0281, 35.4081, 34.3540



39.9735, 35.4081, 25.4965



36.2818, 35.4081, 20.8475

Triad

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



39.9735, 35.4081, 25.4965



26.7119, 35.4081, 31.6719



35.2005, 35.4081, 65.3285

Complementary

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



39.9735, 35.4081, 25.4965



38.7286, 45.9976, 65.8689

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.



31.1569, 35.4081, 64.2020



39.9735, 35.4081, 25.4965



26.4740, 35.4081, 43.0819

Square

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



39.9735, 35.4081, 25.4965



28.7177, 35.4081, 23.8787



28.0389, 35.4081, 55.4452



39.1266, 35.4081, 58.2667

Rectangle

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



39.9735, 35.4081, 25.4965



33.5025, 35.4081, 20.0502



28.0389, 35.4081, 55.4452



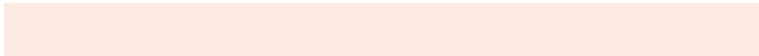
33.8067, 35.4081, 65.9269

Sweetspot

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



39.9744, 35.4098, 25.4972



84.2555, 85.1179, 84.6255



42.8879, 32.6884, 52.8219



17.7704, 17.8530, 17.5267



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.



39.9744, 35.4098, 25.4972



59.4952, 50.1670, 31.4552



47.0229, 49.5068, 27.8467



12.0147, 12.2201, 12.3375



16.8643, 9.6617, 0.9760



1.0030, 0.6604, 0.0746

Inverse Universe

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



38.7286, 45.9976, 65.8689



57.1999, 69.4021, 104.9889



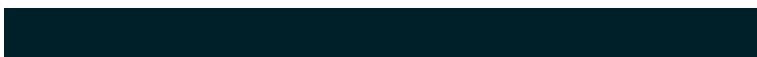
31.3988, 31.3380, 63.4256



11.9306, 12.9515, 15.1147



15.2944, 19.2354, 40.0992



0.9107, 1.1866, 2.2606

Previews

White Background



This preview shows how the XYZ color 39.9735, 35.4081, 25.4965 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 39.9735, 35.4081, 25.4965 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 39.9735, 35.4081, 25.4965

Background



This preview shows how black text looks on a background with the XYZ color 39.9735, 35.4081, 25.4965.



This preview shows how white text looks on a background with the XYZ color 39.9735, 35.4081,

25.4965.

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

39.9735, 35.4081, 25.4965

Protanopia

33.5510, 35.7023, 28.4155

Deuteranopia

36.2911, 35.6664, 25.0502



Tritanopia

41.7173, 35.2012, 34.7328

Trichromacy



Original Color

39.9735, 35.4081, 25.4965

Protanomaly

35.6505, 35.5377, 27.1708

Deuteranomaly

37.6302, 35.6171, 25.3135

Tritanomaly

40.8689, 35.0684, 31.0004

Monochromacy



Original Color

39.9735, 35.4081, 25.4965

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.7536, 35.4439, 33.8111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9735, 35.4081, 25.4965 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(207, 146, 129)` looks like.

```
.text, #text, p{  
    color:rgb(207, 146, 129)  
}
```

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(207, 146, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 146, 129) }
```

Border

The CSS property to change the border of an element to XYZ 39.9735, 35.4081, 25.4965 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(207, 146, 129) }
```


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

```
.border{ border-color:rgb(207, 146, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 146, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 146, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 146, 129);  
box-shadow:4px 4px 4px 4px rgb(207, 146,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9735, 35.4081, 25.4965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 146, 129) }
```

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

```
.background{ background-color: rgb(207,  
146, 129) }
```

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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