

Converting Colors

XYZ(39.5640, 31.5498, 23.6143)

Have a look what the booklet for
XYZ(39.5640, 31.5498, 23.6143)
contains.

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Color

**XYZ(39.6405, 31.6539,
23.7592)**

Conversions

Conversions Part 1

Format	Color
Hex	D7817E
RGB	215, 129, 126
RGB Percent	84%, 51%, 49%
CMY	0.1569, 0.4941, 0.5059
CMYK	0.00, 0.40, 0.41, 0.16
HSL	2°, 53%, 67%
HSV	2°, 41%, 84%
XYZ	39.6405, 31.6539, 23.7592
YIQ	154.3720, 52.2190, 17.2990

Conversions

Conversions Part 2

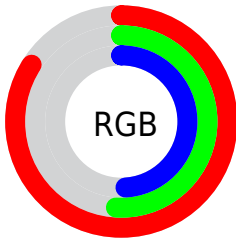
Format	Color
R_{YB}	215, 129, 126
Decimal	14123390
CIE Lab	63.06, 32.81, 15.90
CIE LCh	63, 36.458, 25.848
Yxy	31.6539, 0.4170, 0.3330
Android (android.graphics.Color)	4292313470 (0xFFD7817E)
YUV	154.3720, -13.9874, 53.1708
Hunter-Lab	56.2618, 27.3080, 14.3453

Details

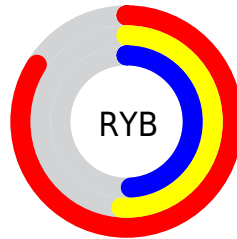
The XYZ color **39.6405, 31.6539, 23.7592** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **44.4124, 56.4267, 72.8407**, and the grayscale version is **30.9229, 32.5333, 35.4288**.

A 20% lighter version of the original color is **66.3102, 58.3816, 50.4217**, and **17.9686, 13.1527, 8.6129** is the 20% darker color. If you saturate the color by 10%, you get **35.9356, 26.2308, 16.3996**, and if you desaturate by 10%, it is **44.2015, 38.3119, 32.8756**.

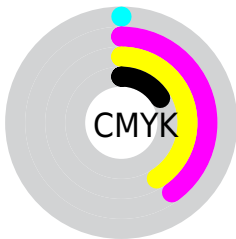
Distribution



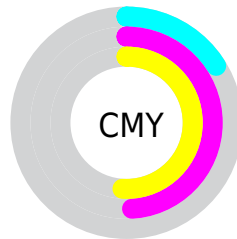
- Red (84%)
- Green (51%)
- Blue (49%)



- Red (84%)
- Yellow (51%)
- Blue (49%)



- Cyan (0%)
- Magenta (40%)
- Yellow (41%)
- Black (16%)





- Cyan (16%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6405, 31.6539, 23.7592 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 39.6405, 31.6539, 23.7592 by changing the saturation by 10% instead.


 39.6405, 31.6539,
23.7592


 39.6405, 31.6539,
23.7592


335.7665,
309.5396, 284.8481


 27.4413, 21.0973,
14.9445


 73.9036, 62.2681,
50.5759

 18.0432, 13.1951,
8.6343


 96.6982, 83.0945,
69.4149

 11.0809, 7.5631,
4.4099


 123.7554,
108.1129, 92.4326

 6.1890, 3.8167,
1.8528

155.4404,
137.7078, 120.0473

 3.0021, 1.5715,
0.4624

192.1187,
172.2635, 152.6777

 1.1549, 0.3383,
0.0000

234.1555,

 0.0703, 0.0000,

212.1645, 190.7422

0.0000

281.9163,
257.7950, 234.6595

■ 0.0000, 0.0000,
0.0000

■ 39.6405, 31.6539,
23.7592

■ 39.6405, 31.6539,
23.7592

■ 35.9356, 26.2308,
16.3996

■ 44.2015, 38.3119,
32.8756

■ 33.0311, 21.9623,
10.6820

■ 49.6647, 46.2693,
43.8499

■ 30.8686, 18.7662,
6.4812


■ 56.0759, 55.5916,
56.7776

■ 29.3808, 16.5472,
3.6530

■ 63.4772, 66.3387,
71.7471

■ 28.4882, 15.1935,
2.0251

■ 71.9080, 78.5669,
88.8416

 28.1031, 14.6047,
1.3378

 81.4054, 92.3291,
108.1385

 81.8344, 93.1871,
108.2815

Harmonies

Analogous

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



40.7820, 31.6539, 36.5070



39.6405, 31.6539, 23.7592



35.8395, 31.6539, 16.2707

Triad

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



39.6405, 31.6539, 23.7592



22.7812, 31.6539, 21.1544



29.3924, 31.6539, 70.0630

Complementary

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



39.6405, 31.6539, 23.7592



44.4124, 56.4267, 72.8407

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.



24.9839, 31.6539, 62.7932



39.6405, 31.6539, 23.7592



21.4458, 31.6539, 32.5020

Square

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



39.6405, 31.6539, 23.7592



26.0691, 31.6539, 15.0867



22.2053, 31.6539, 47.9846



34.4959, 31.6539, 65.8275

Rectangle

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



39.6405, 31.6539, 23.7592



32.5094, 31.6539, 14.0025



22.2053, 31.6539, 47.9846



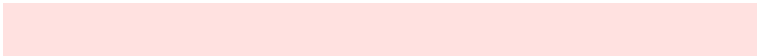
27.7863, 31.6539, 68.8398

Sweetspot

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



39.6413, 31.6555, 23.7598



81.7913, 80.7484, 82.0809



47.3732, 34.1242, 66.3993



17.2257, 16.8751, 17.0015



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.



39.6413, 31.6555, 23.7598



53.3282, 39.2549, 25.0162



46.8236, 46.0201, 26.1539



12.4565, 12.4873, 12.9145



16.8245, 8.7663, 0.8053



1.0269, 0.5530, 0.0526

Inverse Universe

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



44.4124, 56.4267, 72.8407



61.2792, 80.5748, 106.9305



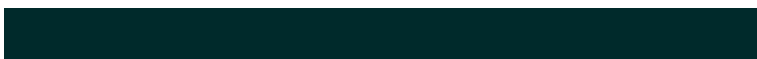
34.7868, 37.1755, 69.6321



12.7546, 14.0326, 15.9738



20.8063, 29.8744, 43.1229



1.2664, 1.8249, 2.6048

Previews

White Background



This preview shows how the XYZ color 39.6405, 31.6539, 23.7592 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 39.6405, 31.6539, 23.7592 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 39.6405, 31.6539, 23.7592

Background



This preview shows how black text looks on a background with the XYZ color 39.6405, 31.6539, 23.7592.



This preview shows how white text looks on a background with the XYZ color 39.6405, 31.6539,

23.7592.

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

39.6405, 31.6539, 23.7592

Protanopia

30.2768, 31.9884, 28.6234

Deuteranopia

32.3690, 31.7625, 23.1636



Tritanopia

40.4236, 31.5838, 27.6326

Trichromacy



Original Color

39.6405, 31.6539, 23.7592

Protanomaly

32.8667, 31.2515, 26.8541

Deuteranomaly

34.5020, 31.2878, 23.2895

Tritanomaly

40.2717, 31.7307, 26.1924

Monochromacy



Original Color

39.6405, 31.6539, 23.7592

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

33.0639, 31.4945, 30.7219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6405, 31.6539, 23.7592 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(215, 129, 126)` looks like.

```
.text, #text, p{  
    color:rgb(215, 129, 126)  
}
```

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(215, 129, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 129, 126) }
```

Border

The CSS property to change the border of an element to XYZ 39.6405, 31.6539, 23.7592 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(215, 129, 126) }
```


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

```
.border{ border-color:rgb(215, 129, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 129, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 129, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 129, 126);  
box-shadow:4px 4px 4px 4px rgb(215, 129,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6405, 31.6539, 23.7592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 129, 126) }
```

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

```
.background{ background-color: rgb(215,  
129, 126) }
```

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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