

Converting Colors

XYZ(40.3394, 36.1156, 22.9275)

Have a look what the booklet for
XYZ(40.3394, 36.1156, 22.9275)
contains.

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Color

**XYZ(40.3356, 36.1156,
22.9343)**

Conversions

Conversions Part 1

Format	Color
Hex	D19479
RGB	209, 148, 121
RGB Percent	82%, 58%, 47%
CMY	0.1804, 0.4196, 0.5255
CMYK	0.00, 0.29, 0.42, 0.18
HSL	18°, 49%, 65%
HSV	18°, 42%, 82%
XYZ	40.3356, 36.1156, 22.9343
YIQ	163.1610, 45.0230, 4.5350

Conversions

Conversions Part 2

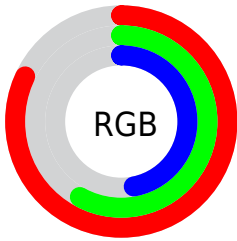
Format	Color
R _Y B	209, 160, 121
Decimal	13735033
CIE Lab	66.61, 19.67, 23.43
CIE LCh	67, 30.592, 49.986
Yxy	36.1156, 0.4058, 0.3634
Android (android.graphics.Color)	4291925113 (0xFFD19479)
YUV	163.1610, -20.7854, 40.2008
Hunter-Lab	60.0963, 14.6378, 19.4408

Details

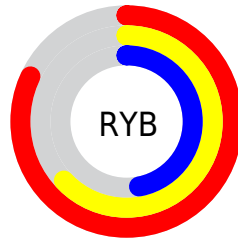
The XYZ color **40.3356, 36.1156, 22.9343** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.1211, 42.1227, 66.5482**, and the grayscale version is **34.9699, 36.7910, 40.0654**.

A 20% lighter version of the original color is **70.0005, 66.5571, 49.2018**, and **18.3933, 15.6927, 8.1904** is the 20% darker color. If you saturate the color by 10%, you get **37.0584, 31.3949, 16.1890**, and if you desaturate by 10%, it is **44.1767, 41.5196, 31.2381**.

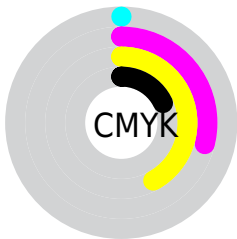
Distribution



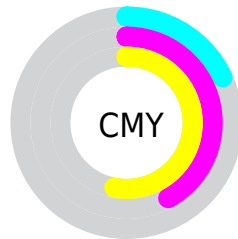
- Red (82%)
- Green (58%)
- Blue (47%)



- Red (82%)
- Yellow (63%)
- Blue (47%)



- Cyan (0%)
- Magenta (29%)
- Yellow (42%)
- Black (18%)





- Cyan (18%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3356, 36.1156, 22.9343 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 40.3356, 36.1156, 22.9343 by changing the saturation by 10% instead.


 40.3356, 36.1156,
22.9343


 40.3356, 36.1156,
22.9343

338.6463,
329.4655, 280.4983


 27.9857, 24.5235,
14.3402


 74.9554, 69.2105,
49.2073

 18.4553, 15.7224,
8.2162


 97.9559, 91.4820,
67.7231

 11.3790, 9.3279,
4.1438


 125.2374,
118.0821, 90.3834

 6.3915, 4.9557,
1.7046

157.1652,
149.3952, 117.6065

 3.1275, 2.2213,
0.3639

194.1046,
185.8057, 149.8110

 1.2215, 0.7316,
0.0000

236.4210,

 0.1233, 0.0000,

227.6980, 187.4154

0.0000

284.4798,
275.4565, 230.8384

■ 0.0000, 0.0000,
0.0000

■ 40.3356, 36.1156,
22.9343

■ 40.3356, 36.1156,
22.9343

■ 37.0584, 31.3949,
16.1890

■ 44.1767, 41.5196,
31.2381

■ 34.3138, 27.3242,
10.9012

■ 48.6054, 47.6283,
41.1885

■ 32.0714, 23.8748,
6.9613


■ 53.6472, 54.4681,
52.8694

■ 30.2959, 21.0138,
4.2428

■ 59.3254, 62.0629,
66.3582


■ 28.9469, 18.7045,
2.5948

■ 65.6618, 70.4353,
81.7280

 28.1355, 17.2374,
1.8442

 72.6773, 79.6069,
99.0473

 78.3471, 88.7806,
107.6148

 80.1045, 92.2953,
108.2006

Harmonies

Analogous

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



43.3310, 36.1156, 31.2832



40.3356, 36.1156, 22.9343



35.8883, 36.1156, 19.2766

Triad

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



40.3356, 36.1156, 22.9343



26.3303, 36.1156, 35.0803



37.4406, 36.1156, 68.2668

Complementary

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



40.3356, 36.1156, 22.9343



36.1211, 42.1227, 66.5482

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.



32.8112, 36.1156, 69.9269



40.3356, 36.1156, 22.9343



26.6653, 36.1156, 48.6359

Square

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



40.3356, 36.1156, 22.9343



27.9866, 36.1156, 25.1780



28.9465, 36.1156, 62.0983



41.5588, 36.1156, 57.9695

Rectangle

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



40.3356, 36.1156, 22.9343



32.8152, 36.1156, 19.2753



28.9465, 36.1156, 62.0983



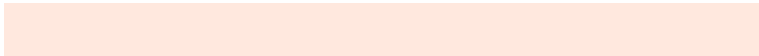
35.8841, 36.1156, 69.9299

Sweetspot

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



40.3365, 36.1173, 22.9350



83.2677, 84.2519, 80.8754



41.6377, 30.6327, 48.3001



17.4316, 17.5049, 16.3976



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.



40.3365, 36.1173, 22.9350



58.3681, 49.5986, 25.8825



48.4639, 52.3722, 25.6442



12.1004, 12.3915, 12.3661



17.4247, 10.7823, 1.1628



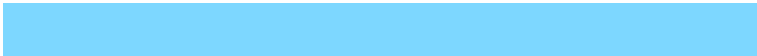
1.0444, 0.7431, 0.0884

Inverse Universe

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



36.1211, 42.1227, 66.5482



50.8239, 60.2237, 103.5534



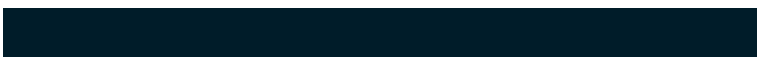
28.5689, 27.0184, 64.0309



11.8395, 12.7693, 15.0844



13.4169, 15.4804, 39.4734



0.8187, 1.0025, 2.2299

Previews

White Background



This preview shows how the XYZ color 40.3356, 36.1156, 22.9343 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 40.3356, 36.1156, 22.9343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

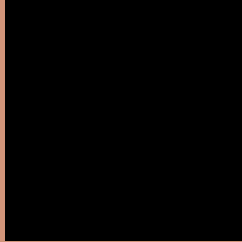
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.3356, 36.1156, 22.9343

Background



This preview shows how black text looks on a background with the XYZ color 40.3356, 36.1156, 22.9343.



This preview shows how white text looks on a background with the XYZ color 40.3356, 36.1156,

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

40.3356, 36.1156, 22.9343

Protanopia

33.9847, 36.2572, 25.2858

Deuteranopia

37.0169, 36.3395, 22.8325



Tritanopia

42.8066, 35.9751, 35.2596

Trichromacy



Original Color

40.3356, 36.1156, 22.9343

Protanomaly

36.0083, 36.0337, 24.4594

Deuteranomaly

38.0701, 36.1443, 22.7393

Tritanomaly

41.8719, 36.0527, 30.3432

Monochromacy



Original Color

40.3356, 36.1156, 22.9343

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

36.3945, 36.2951, 33.1044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3356, 36.1156, 22.9343 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(209, 148, 121)` looks like.

```
.text, #text, p{  
    color:rgb(209, 148, 121)  
}
```

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(209, 148, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 148, 121) }
```

Border

The CSS property to change the border of an element to XYZ 40.3356, 36.1156, 22.9343 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(209, 148, 121) }
```


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

```
.border{ border-color:rgb(209, 148, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 148, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 148, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 148, 121);  
box-shadow:4px 4px 4px 4px rgb(209, 148,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3356, 36.1156, 22.9343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 148, 121) }
```

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

```
.background{ background-color: rgb(209,  
148, 121) }
```

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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