

Converting Colors

XYZ(40.4929, 39.6593, 11.6517)

Have a look what the booklet for
XYZ(40.4929, 39.6593, 11.6517)
contains.

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Color

**XYZ(40.4929, 39.6593,
11.6517)**

Conversions

Conversions Part 1

Format	Color
Hex	D2A148
RGB	210, 161, 72
RGB Percent	82%, 63%, 28%
CMY	0.1765, 0.3686, 0.7176
CMYK	0.00, 0.23, 0.66, 0.18
HSL	39°, 61%, 55%
HSV	39°, 66%, 82%
XYZ	40.4929, 39.6593, 11.6517
YIQ	165.5050, 57.7730, -17.2910

Conversions

Conversions Part 2

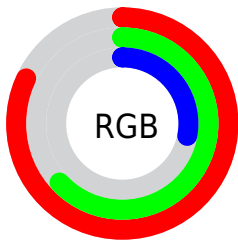
Format	Color
RYB	148, 210, 72
Decimal	13803848
CIELab	69.23, 8.87, 51.99
CIElCh	69, 52.741, 80.315
Yxy	39.6593, 0.4411, 0.4320
Android (android.graphics.Color)	4291993928 (0xFFD2A148)
YUV	165.5050, -46.0980, 39.0221
Hunter-Lab	62.9756, 4.5669, 33.1132

Details

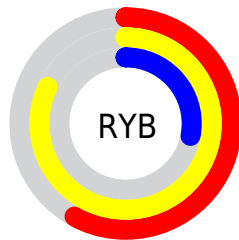
The XYZ color **40.4929, 39.6593, 11.6517** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **21.1423, 19.7047, 63.6614**, and the grayscale version is **36.2033, 38.0887, 41.4786**.

A 20% lighter version of the original color is **69.4340, 71.8270, 29.2732**, and **18.6340, 17.8709, 3.0396** is the 20% darker color. If you saturate the color by 10%, you get **38.6572, 36.9036, 8.2179**, and if you desaturate by 10%, it is **42.6420, 42.6679, 16.3448**.

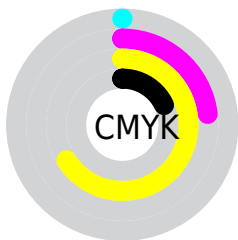
Distribution



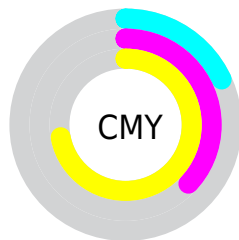
- Red (82%)
- Green (63%)
- Blue (28%)



- Red (58%)
- Yellow (82%)
- Blue (28%)



- Cyan (0%)
- Magenta (23%)
- Yellow (66%)
- Black (18%)





- Cyan (18%)
- Magenta (37%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4929, 39.6593, 11.6517 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 40.4929, 39.6593, 11.6517 by changing the saturation by 10% instead.


 40.4929, 39.6593,
11.6517


 40.4929, 39.6593,
11.6517


339.2956,
344.6855, 212.9810


 28.1090, 27.2730,
6.3873


 75.1931, 74.6444,
29.5140

 18.5487, 17.7784,
3.0094


 98.2401, 98.0121,
42.9490


 11.4467, 10.7910,
1.0995


 125.5721,
125.8089, 59.9446

 6.4376, 5.9265,
0.0000

 157.5545,
158.4194, 80.9194

 3.1561, 2.8004,
0.0000

 194.5528,
196.2279, 106.2919

 1.2369, 1.0284,
0.0000

236.9321,

 0.1352, 0.0000,

239.6188, 136.4806

0.0000

285.0579,
288.9765, 171.9042

■ 0.0000, 0.0000,
0.0000

■ 40.4929, 39.6593,
11.6517

■ 40.4929, 39.6593,
11.6517

■ 38.6572, 36.9036,
8.2179

■ 42.6420, 42.6679,
16.3448

■ 37.1060, 34.3822,
5.9092

■ 45.1247, 45.9347,
22.4083

■ 35.8079, 32.0821,
4.5637

■ 47.9620, 49.4719,
29.9437

■ 35.3040, 31.1532,
4.1525

■ 51.1725, 53.2888,
39.0422

■ 54.7733, 57.3942,
49.7875

■ 58.7802, 61.7963,
62.2573

■ 63.2081, 66.5031,
76.5243

■ 68.0711, 71.5219,
92.6571

■ 72.4010, 76.4672,
105.5514

Harmonies

Analogous

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



49.0421, 39.6593, 16.3732



40.4929, 39.6593, 11.6517



32.3347, 39.6593, 12.6076

Triad

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



40.4929, 39.6593, 11.6517



24.4272, 39.6593, 61.4201



51.6206, 39.6593, 80.1994

Complementary

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



40.4929, 39.6593, 11.6517



21.1423, 19.7047, 63.6614

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.



43.6172, 39.6593, 103.1119



40.4929, 39.6593, 11.6517



28.2489, 39.6593, 89.7587

Square

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



40.4929, 39.6593, 11.6517



23.8489, 39.6593, 35.8225



35.0290, 39.6593, 107.1462



56.0709, 39.6593, 51.4867

Rectangle

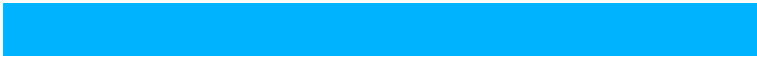
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40.4929, 39.6593, 11.6517



28.1363, 39.6593, 16.5458



35.0290, 39.6593, 107.1462



49.2051, 39.6593, 89.2250

Sweetspot

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



40.4938, 39.6612, 11.6525



82.3924, 86.1262, 69.4082



32.4459, 19.7567, 20.7117



17.2990, 18.0496, 13.8570



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.



40.4938, 39.6612, 11.6525



58.9277, 55.5869, 11.0584



45.8532, 57.7150, 14.8547



12.4356, 13.0619, 12.4778



21.6329, 19.1989, 2.5656



1.2829, 1.2201, 0.1679

Inverse Universe

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



21.1423, 19.7047, 63.6614



26.8899, 22.6772, 97.5676



18.2060, 11.4821, 62.2290



11.5022, 12.0947, 14.9719



8.6988, 6.0442, 37.9007



0.5604, 0.4860, 2.1438

Previews

White Background



This preview shows how the XYZ color 40.4929, 39.6593, 11.6517 looks on a white background.

Color Contrast Check

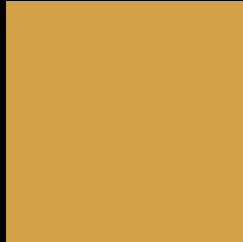
Large Text (above 18pt) WCAG AA × Fail

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 40.4929, 39.6593, 11.6517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

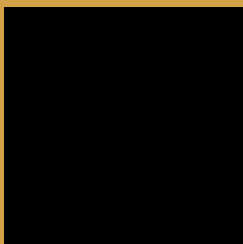
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4929, 39.6593, 11.6517

Background



This preview shows how black text looks on a background with the XYZ color 40.4929, 39.6593, 11.6517.



This preview shows how white text looks on a background with the XYZ color 40.4929, 39.6593,

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

40.4929, 39.6593, 11.6517

Protanopia

36.3838, 39.9488, 12.4499

Deuteranopia

40.4929, 39.6593, 11.6517



Tritanopia

46.2927, 39.5293, 39.8404

Trichromacy



Original Color

40.4929, 39.6593, 11.6517

Protanomaly

37.8197, 39.8676, 12.1805

Deuteranomaly

40.4929, 39.6593, 11.6517

Tritanomaly

43.4822, 39.3505, 26.4227

Monochromacy



Original Color

40.4929, 39.6593, 11.6517

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.7317, 38.1619, 27.2598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4929, 39.6593, 11.6517 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(210, 161, 72)` looks like.

```
.text, #text, p{  
    color:rgb(210, 161, 72)  
}
```

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(210, 161, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 161, 72) }
```

Border

The CSS property to change the border of an element to XYZ 40.4929, 39.6593, 11.6517 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(210, 161, 72) }
```


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

```
.border{ border-color:rgb(210, 161, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 161, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 161, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 161, 72);  
box-shadow:4px 4px 4px 4px rgb(210, 161,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4929, 39.6593, 11.6517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 161, 72) }
```

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

```
.background{ background-color: rgb(210,  
161, 72) }
```

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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