

Converting Colors

XYZ(45.5540, 39.5760, 19.9908)

Have a look what the booklet for
XYZ(45.5540, 39.5760, 19.9908)
contains.

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Color

**XYZ(45.5596, 39.5899,
19.9922)**

Conversions

Conversions Part 1

Format	Color
Hex	E3976E
RGB	227, 151, 110
RGB Percent	89%, 59%, 43%
CMY	0.1098, 0.4078, 0.5686
CMYK	0.00, 0.33, 0.52, 0.11
HSL	21°, 68%, 66%
HSV	21°, 52%, 89%
XYZ	45.5596, 39.5899, 19.9922
YIQ	169.0500, 58.4570, 3.3610

Conversions

Conversions Part 2

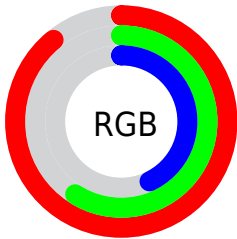
Format	Color
R_{YB}	227, 173, 110
Decimal	14915438
CIE _{Lab}	69.18, 24.17, 33.18
CIE _{LCh}	69, 41.049, 53.933
Yxy	39.5899, 0.4333, 0.3765
Android (android.graphics.Color)	4293105518 (0xFFE3976E)
YUV	169.0500, -29.1116, 50.8222
Hunter-Lab	62.9205, 19.1377, 25.2057

Details

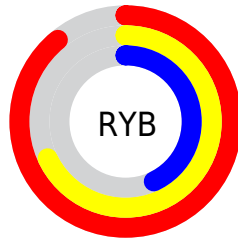
The XYZ color **45.5596, 39.5899, 19.9922** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.8534, 43.9767, 79.1659**, and the grayscale version is **37.8570, 39.8285, 43.3732**.

A 20% lighter version of the original color is **69.8329, 68.0112, 43.6293**, and **21.5479, 17.7761, 6.7103** is the 20% darker color. If you saturate the color by 10%, you get **42.2522, 34.7061, 13.5536**, and if you desaturate by 10%, it is **49.4823, 45.1978, 28.1983**.

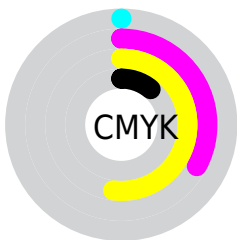
Distribution



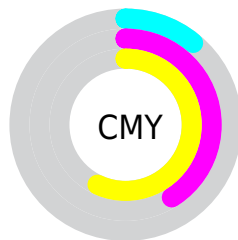
- Red (89%)
- Green (59%)
- Blue (43%)



- Red (89%)
- Yellow (68%)
- Blue (43%)



- Cyan (0%)
- Magenta (33%)
- Yellow (52%)
- Black (11%)



- Cyan (11%)
- Magenta (41%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5596, 39.5899, 19.9922 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 45.5596, 39.5899, 19.9922 by changing the saturation by 10% instead.

45.5596, 39.5899,
19.9922

45.5596, 39.5899,
19.9922

359.7809,
344.3920, 264.4757

32.1016, 27.2189,
12.2054

82.7914, 74.5386,
44.2629

21.5950, 17.7377,
6.7595

107.2959, 97.8852,
61.5838

13.6746, 10.7619,
3.2360

136.2133,
125.6590, 82.9199

7.9749, 5.9069,
1.2163

169.9090,
158.2446, 108.6896

4.1305, 2.7886,
0.0000

208.7482,
196.0263, 139.3115

1.7762, 1.0224,
0.0000

253.0964,

0.5033, 0.0000,

239.3885, 175.2041

0.0000

303.3188,
288.7156, 216.7860

0.0000, 0.0000,
0.0000

45.5596, 39.5899,
19.9922

45.5596, 39.5899,
19.9922

42.2522, 34.7061,
13.5536

49.4823, 45.1978,
28.1983

39.5215, 30.5088,
8.7465

54.0499, 51.5535,
38.2894

37.3287, 26.9655,
5.4187

59.2931, 58.6866,
50.3754

35.6274, 24.0379,
3.3872

65.2401, 66.6233,
64.5569

34.5148, 22.0035,
2.4280

71.9169, 75.3887,
80.9279

■ 79.3486, 85.0064,
99.5765

■ 85.2387, 94.5714,
108.3693

■ 85.4884, 95.0708,
108.4525

Harmonies

Analogous

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



50.3846, 39.5899, 30.0426



45.5596, 39.5899, 19.9922



38.9788, 39.5899, 16.2270

Triad

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



45.5596, 39.5899, 19.9922



26.4218, 39.5899, 39.3981



42.9850, 39.5899, 85.3062

Complementary

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



45.5596, 39.5899, 19.9922



37.8534, 43.9767, 79.1659

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.



36.3108, 39.5899, 89.9685



45.5596, 39.5899, 19.9922



27.2314, 39.5899, 59.4963

Square

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



45.5596, 39.5899, 19.9922



28.3208, 39.5899, 25.1355



30.6767, 39.5899, 79.4250



48.7814, 39.5899, 68.0819

Rectangle

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



45.5596, 39.5899, 19.9922



34.6709, 39.5899, 16.6801



30.6767, 39.5899, 79.4250



40.7507, 39.5899, 88.5695

Sweetspot

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



45.5606, 39.5919, 19.9930



82.0720, 82.9371, 77.1581



46.1227, 31.0303, 50.0409



17.2136, 17.2809, 15.6720



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.



45.5606, 39.5919, 19.9930



54.6716, 44.6784, 17.0271



57.4039, 63.2786, 23.9407



14.7881, 15.1901, 15.0570



20.2283, 13.0307, 1.4490



1.5795, 1.1324, 0.1353

Inverse Universe

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



37.8534, 43.9767, 79.1659



43.5286, 50.8748, 102.1334



27.9564, 24.1826, 75.8669



14.3601, 15.4416, 18.3680



14.3247, 15.7115, 44.6608



1.1449, 1.3337, 3.3291

Previews

White Background



This preview shows how the XYZ color 45.5596, 39.5899, 19.9922 looks on a white background.

Color Contrast Check

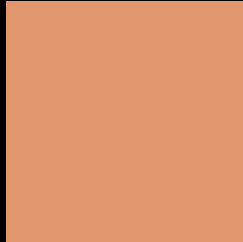
Large Text (above 18pt) WCAG AA × Fail

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 45.5596, 39.5899, 19.9922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

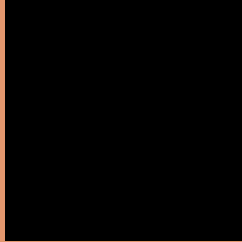
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5596, 39.5899, 19.9922

Background



This preview shows how black text looks on a background with the XYZ color 45.5596, 39.5899, 19.9922.



This preview shows how white text looks on a background with the XYZ color 45.5596, 39.5899,

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

45.5596, 39.5899, 19.9922

Protanopia

36.9273, 39.7276, 22.5515

Deuteranopia

40.5289, 39.7607, 19.7258



Tritanopia

49.0811, 39.6400, 36.5169

Trichromacy



Original Color

45.5596, 39.5899, 19.9922

Protanomaly

39.5108, 39.1977, 21.4031

Deuteranomaly

42.1386, 39.5549, 19.8819

Tritanomaly

47.7270, 39.5545, 29.5454

Monochromacy



Original Color

45.5596, 39.5899, 19.9922

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.5008, 38.9259, 33.4485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5596, 39.5899, 19.9922 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(227, 151, 110)` looks like.

```
.text, #text, p{  
    color:rgb(227, 151, 110)  
}
```

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(227, 151, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 151, 110) }
```

Border

The CSS property to change the border of an element to XYZ 45.5596, 39.5899, 19.9922 is called "border". The border property can be set on classes, ids or directly on the HTML element.

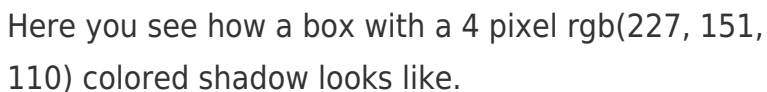
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 151, 110) }
```


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

```
.border{ border-color:rgb(227, 151, 110) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 151, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 151, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 151, 110); box-shadow:4px 4px 4px 4px rgb(227, 151, 110) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5596, 39.5899, 19.9922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 151, 110) }
```

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

```
.background{ background-color: rgb(227,  
151, 110) }
```

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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