

Converting Colors

XYZ(44.4397, 53.2120, 9.9518)

Have a look what the booklet for
XYZ(44.4397, 53.2120, 9.9518)
contains.

XYZ(44.3596, 53.1422, 9.9269)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.3596, 53.1422,
9.9269)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C728
RGB	199, 199, 40
RGB Percent	78%, 78%, 16%
CMY	0.2196, 0.2196, 0.8431
CMYK	0.00, 0.00, 0.80, 0.22
HSL	60°, 67%, 47%
HSV	60°, 80%, 78%
XYZ	44.3596, 53.1422, 9.9269
YIQ	180.8740, 51.0390, -49.4490

Conversions

Conversions Part 2

Format	Color
R _Y B	40, 199, 40
Decimal	13092648
CIE Lab	77.96, -17.15, 71.98
CIE LCh	78, 73.999, 103.404
Yxy	53.1422, 0.4129, 0.4947
Android (android.graphics.Color)	4291282728 (0xFFC7C728)
YUV	180.8740, -69.4509, 15.8965
Hunter-Lab	72.8987, -18.9537, 42.9553

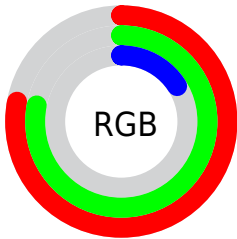
Details

The XYZ color **44.3596, 53.1422, 9.9269** is a dark color, and the websafe version is hex **CCCC33**.

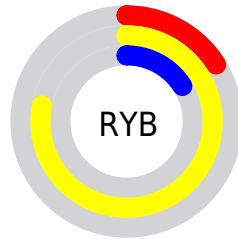
The color can be described as middle muted yellow. A complement of this color would be **11.9441, 6.0932, 54.5828**, and the grayscale version is **44.1987, 46.5004, 50.6390**.

A 20% lighter version of the original color is **79.3490, 93.7196, 26.2195**, and **21.1099, 25.9135, 3.8892** is the 20% darker color. If you saturate the color by 10%, you get **44.1047, 53.0422, 8.5804**, and if you desaturate by 10%, it is **44.7911, 53.3168, 12.1926**.

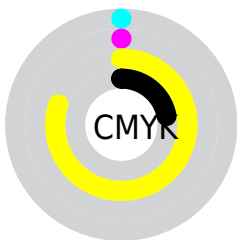
Distribution



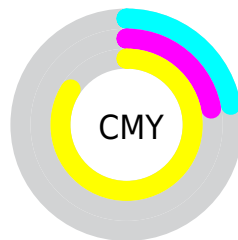
- Red (78%)
- Green (78%)
- Blue (16%)



- Red (16%)
- Yellow (78%)
- Blue (16%)



- Cyan (0%)
- Magenta (0%)
- Yellow (80%)
- Black (22%)



- Cyan (22%)
- Magenta (22%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3596, 53.1422, 9.9269 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 44.3596, 53.1422, 9.9269 by changing the saturation by 10% instead.

■ 44.3596, 53.1422,
9.9269

■ 44.3596, 53.1422,
9.9269

355.0012,
398.8304, 200.6154

■ 31.1524, 37.9163,
5.2455

■ 81.0016, 94.8136,
26.2636

■ 20.8673, 25.9177,
2.3308

■ 105.1671,
122.0279, 38.7560

■ 13.1390, 16.7621,
0.7484

■ 133.7161,
154.0070, 54.6892

■ 7.6020, 10.0650,
0.0000

■ 167.0140,
191.1355, 74.4816

■ 3.8910, 5.4421,
0.0000

■ 205.4261,
233.7977, 98.5519

■ 1.6406, 2.5089,
0.0000

■ 249.3178,

■ 0.4187, 0.8811,

282.3780, 127.3186

0.0000

299.0543,
337.2608, 161.2003

■ 0.0000, 0.0000,
0.0000

■ 44.3596, 53.1422,
9.9269

■ 44.3596, 53.1422,
9.9269

■ 44.1047, 53.0422,
8.5804

■ 44.7911, 53.3168,
12.1926

■ 43.9784, 52.9917,
7.9164

■ 45.4190, 53.5680,
15.4981

■ 43.9773, 52.9912,
7.9105

■ 46.2645, 53.9062,
19.9493

■ 47.3450, 54.3385,
25.6382

■ 48.6763, 54.8710,
32.6475

■ 50.2726, 55.5096,
41.0526

■ 52.1473, 56.2595,
50.9235

■ 54.3128, 57.1257,
62.3254

■ 56.7805, 58.1128,
75.3194

Harmonies

Analogous

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



58.8377, 53.1422, 10.2840



44.3596, 53.1422, 9.9269



33.7738, 53.1422, 17.2579

Triad

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



44.3596, 53.1422, 9.9269



32.9470, 53.1422, 131.2403



81.9611, 53.1422, 83.5933

Complementary

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



44.3596, 53.1422, 9.9269



11.9441, 6.0932, 54.5828

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.



72.0236, 53.1422, 136.7044



44.3596, 53.1422, 9.9269



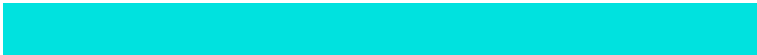
43.0078, 53.1422, 171.9732

Square

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



44.3596, 53.1422, 9.9269



28.0807, 53.1422, 78.2602



57.2043, 53.1422, 174.3464



82.5134, 53.1422, 41.3586

Rectangle

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



44.3596, 53.1422, 9.9269



29.5773, 53.1422, 29.1287



57.2043, 53.1422, 174.3464



79.5327, 53.1422, 101.1160

Sweetspot

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



44.3608, 53.1447, 9.9280



86.7142, 96.6656, 65.0092



24.6968, 13.8142, 3.3728



18.3488, 20.6058, 12.8007



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.



44.3608, 53.1447, 9.9280



77.0523, 92.8005, 14.1441



28.4853, 44.9605, 9.1850



11.5239, 12.4170, 11.3521



28.2766, 34.0724, 5.0863



1.3389, 1.6133, 0.2408

Inverse Universe

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



11.9441, 6.0932, 54.5828



18.2885, 7.5073, 95.0929



18.7459, 9.5997, 54.9011



10.0568, 10.2875, 13.3731



6.6289, 2.6516, 34.9068



0.3139, 0.1256, 1.6528

Previews

White Background



This preview shows how the XYZ color 44.3596, 53.1422, 9.9269 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 44.3596, 53.1422, 9.9269 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 44.3596, 53.1422, 9.9269

Background



This preview shows how black text looks on a background with the XYZ color 44.3596, 53.1422, 9.9269.



This preview shows how white text looks on a background with the XYZ color 44.3596, 53.1422,

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

44.3596, 53.1422, 9.9269

Protanopia

48.0351, 53.0316, 9.5381

Deuteranopia

54.1058, 52.9660, 10.2775



Tritanopia

54.9257, 52.8651, 61.9527

Trichromacy



Original Color

44.3596, 53.1422, 9.9269

Protanomaly

46.4597, 52.8783, 9.6773

Deuteranomaly

50.0548, 52.7612, 10.1305

Tritanomaly

49.0281, 52.0453, 33.0529

Monochromacy



Original Color

44.3596, 53.1422, 9.9269

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

42.7515, 48.2695, 28.1828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3596, 53.1422, 9.9269 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(199, 199, 40)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 40)  
}
```

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(199, 199, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 40) }
```

Border

The CSS property to change the border of an element to XYZ 44.3596, 53.1422, 9.9269 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(199, 199, 40) }
```


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

```
.border{ border-color:rgb(199, 199, 40) }
```

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

Here you see how a box with a 4 pixel rgb(199, 199, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 199, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 199, 40);  
box-shadow:4px 4px 4px 4px rgb(199, 199,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3596, 53.1422, 9.9269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 40) }
```

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

```
.background{ background-color: rgb(199,  
199, 40) }
```

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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