

Converting Colors

XYZ(23.4944, 23.5651, 3.5687)

Have a look what the booklet for
XYZ(23.4944, 23.5651, 3.5687)
contains.

XYZ(23.4944, 23.5651, 3.5687)	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(23.4944, 23.5651,
3.5687)**

Conversions

Conversions Part 1

Format	Color
Hex	A68009
RGB	166, 128, 9
RGB Percent	65%, 50%, 4%
CMY	0.3490, 0.4980, 0.9647
CMYK	0.00, 0.23, 0.95, 0.35
HSL	45°, 90%, 34%
HSV	45°, 95%, 65%
XYZ	23.4944, 23.5651, 3.5687
YIQ	125.7960, 60.8470, -28.9530

Conversions

Conversions Part 2

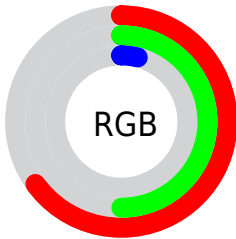
Format	Color
R_{YB}	59, 166, 9
Decimal	10911753
CIE _{Lab}	55.65, 4.96, 59.53
CIE _{LCh}	56, 59.735, 85.238
Yxy	23.5651, 0.4641, 0.4655
Android (android.graphics.Color)	4289101833 (0xFFA68009)
YUV	125.7960, -57.5804, 35.2589
Hunter-Lab	48.5439, 1.4391, 29.6220

Details

The XYZ color **23.4944, 23.5651, 3.5687** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **8.0124, 4.8447, 36.5890**, and the grayscale version is **19.9377, 20.9761, 22.8429**.

A 20% lighter version of the original color is **48.5423, 49.1179, 13.0531**, and **9.1027, 8.8432, 1.2271** is the 20% darker color. If you saturate the color by 10%, you get **23.1642, 22.9837, 3.2154**, and if you desaturate by 10%, it is **24.1622, 24.6884, 4.4464**.

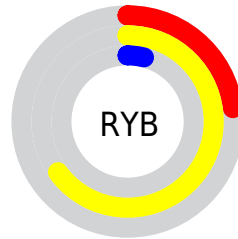
Distribution



Red (65%)

Green (50%)

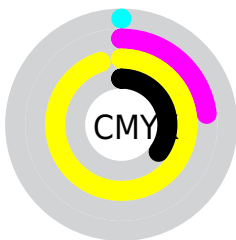
Blue (4%)



Red (23%)

Yellow (65%)

Blue (4%)

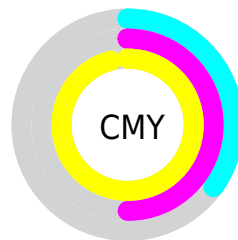


Cyan (0%)

Magenta (23%)

Yellow (95%)

Black (35%)



Cyan (35%)

Magenta (50%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4944, 23.5651, 3.5687 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 23.4944, 23.5651, 3.5687 by changing the saturation by 10% instead.

■ 23.4944, 23.5651,
3.5687

■ 23.4944, 23.5651,
3.5687

262.7424,
270.6143, 143.3036

■ 15.0817, 15.0113,
1.3918

■ 48.6646, 49.3196,
13.0022

■ 8.9634, 8.8273,
0.1353

■ 66.1527, 67.2891,
21.0959

■ 4.7743, 4.6287,
0.0000

■ 87.3968, 89.1659,
31.9989

■ 2.1488, 2.0311,
0.0000

■ 112.7621,
115.3345, 46.1299

■ 0.7155, 0.6255,
0.0000

■ 142.6139,
146.1792, 63.9073

■ 0.0000, 0.0000,
0.0000

■ 177.3177,

182.0845, 85.7497

217.2387,
223.4348, 112.0756

23.4944, 23.5651,
3.5687

23.4944, 23.5651,
3.5687

23.1642, 22.9837,
3.2154

24.1622, 24.6884,
4.4464

24.9572, 25.8951,
5.8931

25.8967, 27.1937,
7.9958

26.9944, 28.5898,
10.8260

28.2624, 30.0886,
14.4455

■ 29.7112, 31.6948,
18.9098

■ 31.3507, 33.4127,
24.2692

■ 33.1899, 35.2461,
30.5701

■ 35.2372, 37.1988,
37.8557

Harmonies

Analogous

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



30.6556, 23.5651, 5.6188



23.4944, 23.5651, 3.5687



17.3009, 23.5651, 4.5691

Triad

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



23.4944, 23.5651, 3.5687



12.5787, 23.5651, 45.0255



34.8615, 23.5651, 53.2704

Complementary

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



23.4944, 23.5651, 3.5687



8.0124, 4.8447, 36.5890

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.



28.4089, 23.5651, 76.2009



23.4944, 23.5651, 3.5687



15.7747, 23.5651, 69.9926

Square

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



23.4944, 23.5651, 3.5687



11.7822, 23.5651, 22.6905



21.3361, 23.5651, 83.4972



38.0067, 23.5651, 28.8745

Rectangle

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



23.4944, 23.5651, 3.5687



14.3792, 23.5651, 7.3598



21.3361, 23.5651, 83.4972



32.9514, 23.5651, 61.8064

Sweetspot

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



23.4949, 23.5663, 3.5692



55.6819, 59.3858, 40.0070



16.3624, 8.5181, 3.6060



12.1863, 13.0004, 8.0612



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.4949, 23.5663, 3.5692



41.8688, 41.3690, 5.7783



22.4010, 31.7850, 5.2132



7.9908, 8.4616, 8.0014



18.0004, 17.8981, 2.5060



0.4741, 0.5078, 0.0730

Inverse Universe

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



8.0124, 4.8447, 36.5890



13.7404, 7.4938, 66.1975



8.2118, 3.5834, 36.3350



7.2738, 7.5845, 9.4989



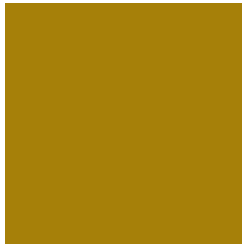
5.9621, 3.3843, 28.3145



0.1834, 0.1591, 0.7017

Previews

White Background



This preview shows how the XYZ color 23.4944, 23.5651, 3.5687 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

XYZ 23.4944, 23.5651, 3.5687

Background



This preview shows how black text looks on a background with the XYZ color 23.4944, 23.5651, 3.5687.



This preview shows how white text looks on a background with the XYZ color 23.4944, 23.5651,

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

23.4944, 23.5651, 3.5687

Protanopia

21.3540, 23.6560, 3.7884

Deuteranopia

24.0120, 23.6379, 3.6136



Tritanopia

27.5064, 23.5228, 23.5127

Trichromacy



Original Color

23.4944, 23.5651, 3.5687

Protanomaly

22.0220, 23.5946, 3.7101

Deuteranomaly

23.7926, 23.5255, 3.5740

Tritanomaly

25.1768, 23.1210, 11.7302

Monochromacy



Original Color

23.4944, 23.5651, 3.5687

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.1352, 21.4660, 11.2657

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4944, 23.5651, 3.5687 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(166, 128, 9)` looks like.

```
.text, #text, p{  
    color:rgb(166, 128, 9)  
}
```

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(166, 128, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 128, 9) }
```

Border

The CSS property to change the border of an element to XYZ 23.4944, 23.5651, 3.5687 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(166, 128, 9) }
```


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

```
.border{ border-color:rgb(166, 128, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 128, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 128, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 128, 9);  
box-shadow:4px 4px 4px 4px rgb(166, 128,  
9) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4944, 23.5651, 3.5687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 128, 9) }
```

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

```
.background{ background-color: rgb(166,  
128, 9) }
```

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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