

Converting Colors

XYZ(23.0859, 30.6132, 1.8683)

Have a look what the booklet for
XYZ(23.0859, 30.6132, 1.8683)
contains.

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Color

**XYZ(23.5553, 30.8043,
4.7043)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA000
RGB	141, 160, 0
RGB Percent	55%, 63%, 0%
CMY	0.4471, 0.3725, 0.9999
CMYK	0.12, 0.00, 1.00, 0.37
HSL	67°, 100%, 31%
HSV	67°, 100%, 63%
XYZ	23.5553, 30.8043, 4.7043
YIQ	136.0790, 40.0360, -53.7880

Conversions

Conversions Part 2

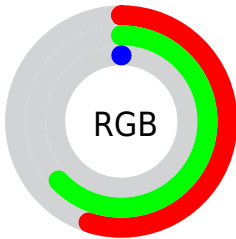
Format	Color
RYB	0, 160, 19
Decimal	9281536
CIELab	62.34, -23.62, 64.89
CIELCh	62, 69.057, 109.997
Yxy	30.8043, 0.3988, 0.5215
Android (android.graphics.Color)	4287471616 (0xFF8DA000)
YUV	136.0790, -67.0869, 4.3157
Hunter-Lab	55.5016, -21.3711, 33.8257

Details

The XYZ color **23.5553, 30.8043, 4.7043** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.6146, 2.6771, 33.4277**, and the grayscale version is **23.6657, 24.8982, 27.1141**.

A 20% lighter version of the original color is **48.8252, 61.1011, 15.6989**, and **9.3064, 12.9157, 2.0025** is the 20% darker color. If you saturate the color by 10%, you get **23.5557, 30.8055, 4.7046**, and if you desaturate by 10%, it is **23.9755, 31.0112, 5.2129**.

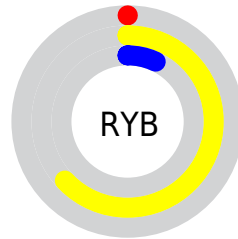
Distribution



Red (55%)

Green (63%)

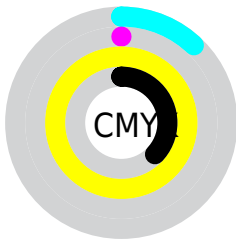
Blue (0%)



Red (0%)

Yellow (63%)

Blue (7%)

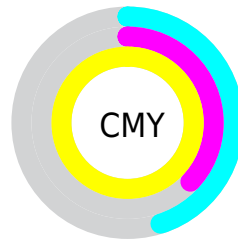


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (45%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5553, 30.8043, 4.7043 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 23.5553, 30.8043, 4.7043 by changing the saturation by 10% instead.

■ 23.5553, 30.8043,
4.7043

■ 23.5553, 30.8043,
4.7043

263.0468,
305.6357, 155.7586

■ 15.1270, 20.4499,
2.0191

■ 48.7635, 60.9318,
15.6040

■ 8.9955, 12.7225,
0.5670

■ 66.2741, 81.4737,
24.6557

■ 4.7953, 7.2377,
0.0000

■ 87.5430, 106.1802,
36.6666

■ 2.1612, 3.6112,
0.0000

■ 112.9353,
135.4357, 52.0552

■ 0.7222, 1.4585,
0.0000

■ 142.8165,
169.6246, 71.2402


■ 0.0000, 0.2593,
0.0000


■ 177.5519,


■ 0.0000, 0.0000,


209.1313, 94.6401


0.0000


 217.5069,
254.3402, 122.6734


 23.5553, 30.8043,
4.7043


 23.5553, 30.8043,
4.7043


 23.5557, 30.8055,
4.7046

 23.9755, 31.0112,
5.2129

 24.4744, 31.2490,
6.1092

 25.0844, 31.5320,
7.5620

 25.8193, 31.8655,
9.6425

 26.6904, 32.2542,
12.4113

■ 27.7080, 32.7022,
15.9219

■ 28.8813, 33.2131,
20.2224

■ 30.2187, 33.7903,
25.3572

■ 31.7280, 34.4369,
31.3670

Harmonies

Analogous

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



32.5107, 30.8043, 4.1055



23.5553, 30.8043, 4.7043



17.5618, 30.8043, 10.1490

Triad

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



23.5553, 30.8043, 4.7043



19.1832, 30.8043, 90.3951



50.7700, 30.8043, 43.2930

Complementary

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



23.5553, 30.8043, 4.7043



6.6146, 2.6771, 33.4277

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.



45.3063, 30.8043, 78.6685



23.5553, 30.8043, 4.7043



26.2681, 30.8043, 113.9910

Square

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



23.5553, 30.8043, 4.7043



15.4349, 30.8043, 54.3885



35.8610, 30.8043, 108.8274



49.6099, 30.8043, 18.8446

Rectangle

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



23.5553, 30.8043, 4.7043



15.4353, 30.8043, 18.8417



35.8610, 30.8043, 108.8274



49.6091, 30.8043, 54.3944

Sweetspot

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



23.5560, 30.8057, 4.7049



52.3043, 60.2445, 36.2169



14.7256, 7.9290, 0.7547



11.2806, 13.1298, 7.2361



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.5560, 30.8057, 4.7049



42.6550, 55.8728, 8.5364



14.5172, 26.1460, 4.2819



7.0926, 7.6804, 7.0943



18.3727, 24.0082, 3.6657



0.3483, 0.4395, 0.0665

Inverse Universe

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



6.6146, 2.6771, 33.4277



11.9179, 4.8130, 60.6874



11.4557, 5.1728, 33.6542



6.3543, 6.4711, 8.3208



5.1733, 2.0959, 26.0391



0.1111, 0.0471, 0.4665

Previews

White Background



This preview shows how the XYZ color 23.5553, 30.8043, 4.7043 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 23.5553, 30.8043, 4.7043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

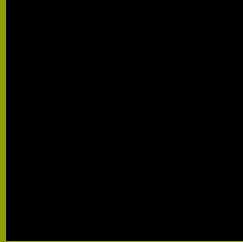
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 23.5553, 30.8043, 4.7043

Background



This preview shows how black text looks on a background with the XYZ color 23.5553, 30.8043, 4.7043.



This preview shows how white text looks on a background with the XYZ color 23.5553, 30.8043,

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

23.5553, 30.8043, 4.7043

Protanopia

27.6442, 30.6793, 4.4647

Deuteranopia

31.2555, 30.6712, 5.3097



Tritanopia

30.2295, 30.8053, 37.6105

Trichromacy



Original Color

23.5553, 30.8043, 4.7043

Protanomaly

25.8537, 30.4821, 4.5210

Deuteranomaly

27.8619, 30.3060, 4.9115

Tritanomaly

26.1839, 30.1313, 17.0063

Monochromacy



Original Color

23.5553, 30.8043, 4.7043

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.3269, 26.3422, 12.9246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5553, 30.8043, 4.7043 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(141, 160, 0)` looks like.

```
.text, #text, p{  
    color:rgb(141, 160, 0)  
}
```

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(141, 160, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 160, 0) }
```

Border

The CSS property to change the border of an element to XYZ 23.5553, 30.8043, 4.7043 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(141, 160, 0) }
```


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

```
.border{ border-color:rgb(141, 160, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 160, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 160, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 160, 0);  
box-shadow:4px 4px 4px 4px rgb(141, 160,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5553, 30.8043, 4.7043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 160, 0) }
```

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

```
.background{ background-color: rgb(141,  
160, 0) }
```

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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